



IBM Processor Value Unit Licensing for IBM System z10 processors enhances software value over other processors

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At a glance

Significantly higher processor performance with the IBM System z10 over predecessor IBM System z offerings provides new enhanced software value over other processors and the processor technology it is likely to replace. With the new licensing requirement comes superior workload scheduling and processor utilization. **For ordering, contact:**

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800-IBM-CALL Reference: YE001

Overview

Effective February 26, 2008, with the availability of the new IBM System z10 servers, IBM software programs licensed using Processor Value Units (PVUs) require 120 PVUs for each Integrated Facility for Linux™ (IFL) engine or CP engine (one processor core). This applies to both license and Software Subscription and Support (formerly known as Software Maintenance) entitlements. Previously acquired licenses obtained under a processor metric will require 1.2 processor licenses for each IFL or CP engine. This practice is intended to provide the required licensing granularity, while also offering the flexibility to configure systems to best support your objectives.

Processors are defined as cores (one IFL or CP engine) on System z10, so for PVU licensing the number of processors identified on the hardware is the same number of processors to be used for software licensing. For instance, if a System z10 server has five processors, the number of PVUs required would be five processor cores times 120 PVUs (5 x 120 = 600 PVUs).

For IBM software programs that are now licensed using PVUs and no longer available under a processor licensing metric, any previously acquired processor licenses can be used on an "as if converted" basis using a ratio of 1 processor license equals 100 PVUs. For IBM software programs still available under a processor licensing metric, the licensing requirement for System z10 servers is 1.2 processor licenses per processor core. For example, five System z10 IFL or CP engines (each needing 1.2 processor licenses), require six processor licenses (5 x 1.2).

Processor license requirement calculations ending in fractions must be rounded up to the nearest whole number of processor licenses. For example, two System z10 processor cores, each needing 1.2 processor licenses per core, yield a requirement for 2.4 processor licenses, which rounds up to three processor licenses required for that configuration.

With significantly higher processor performance over predecessor IBM System z™ offerings, along with superior workload scheduling and processor utilization capabilities, this licensing requirement is designed to provide enhanced software value over other processor technologies it is likely to replace.

For a complete listing of processor families and their assigned PVUs, visit

http://www-306.ibm.com/software/lotus/passportadvantage/pvu_licensing_for_customers.html

Key prerequisites

Previously acquired licenses obtained under a processor metric will require 1.2 processor licenses for each processor core.

Planned availability date

March 4, 2008

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Note: Shipments will begin after the planned availability date.

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