Revised technical information: IBM Power Systems EasyScale for MSPs offering on the IBM Power System S822 server now includes IBM i as an OS option and new HDD size included in bundles

At a glance

The IBM(R) Power Systems(TM) EasyScale for managed service providers (MSPs) offering on the IBM Power(R) System S822 server is enhanced to include IBM i as an operating system option. It delivers these benefits:

- The flexibility to scale and optimize expenses as demand changes.

- A 20-core, 3.4 GHz IBM POWER8(R) processor with three memory configurations: 256 GB, 512 GB, or 1 TB. One 300 GB drive is included. Two cores are activated.

- You can purchase processor day activations for additional processors.

Existing bundling features are updated to replace a 146 GB hard disk drive (HDD) with a 300 GB HDD.

Overview

For service providers that need to flexibly scale and optimize expense as demand changes, IBM offers POWER8 technology for an on-premises purchase or lease with minimal up-front costs. The Power Systems EasyScale for MSPs offering on the Power System S822 (8284-22A) server can now be ordered with three configurations for IBM i:

- Small IBM i configuration -- 20 cores, 3.4 GHz, 2 cores activated, 256 GB memory, 300 GB drive (#EPWG)
- Medium IBM i configuration -- 20 cores, 3.4 GHz, 2 cores activated, 512 GB memory, 300 GB drive (#EPWH)
- Large IBM i configuration -- 20 cores, 3.4 GHz, 2 cores activated, 1 TB memory, 300 GB drive (#EPWJ)

Additional cores may be activated by ordering the following features:

- 570 Processor Days for feature EPWG (#EPNG)
- 570 Processor Days for feature EPWH (#EPNH)
- 570 Processor Days for feature EPWJ (#EPNJ)

No additional processors or memory can be ordered. Additional disk drives or solid-state drives can be ordered. Other features are available as per ordering rules on the 8284-22A server.

Two licenses of IBM PowerVM$^{(R)}$ Enterprise Edition (#5228) and 3-year Software Maintenance Agreements (SWMA) are included with all configurations for all activated cores. One license of IBM i software and 3-year SWMA are included with all configurations for one activated core.

IBM i unlimited user entitlement for the first activated core will be enabled through the EasyScale agreement when 10 user entitlements are purchased at the initial transaction.

Processors, core activations, memory, and one disk drive are included in all the configurations.

Ordering the Power Systems EasyScale for MSPs configurations on the Power S822 server requires approval of i-listed RPQ 8A2323.

Key prerequisites

- New Power System S822 server (8284-22A)
- Approval for i-listed RPQ 8A2323

Planned availability date

August 2, 2016

Description

The Small IBM i configuration (#EPWG) delivers two 10-core 3.4 GHz processors equivalent to two EPXD features with two cores activated, 256 GB memory equivalent to eight EM84 features, a 300 GB disk drive equivalent to feature ESDB, two power supplies equivalent to two EB2M features, and one Shipping & Handling feature equivalent to one ESC5 feature. IBM i Operation System Partition Specify indicator (#0267) is required.

The Medium IBM i configuration (#EPWH) delivers two 10-core 3.4 GHz processors equivalent to two EPXD features with two cores activated, 512 GB memory equivalent to 16 EM84 features, a 300 GB disk drive equivalent to feature ESDB, two power supplies equivalent to two EB2M features, and one Shipping & Handling feature equivalent to one ESC5 feature. IBM i Operation System Partition Specify indicator (#0267) is required.

The Large IBM i configuration (#EPWJ) delivers two 10-core 3.4 GHz processors equivalent to two EPXD features with two cores activated, 1 TB memory equivalent to 16 EM85 features, a 300 GB disk drive equivalent to feature ESDB, two power supplies equivalent to two EB2M features, and one Shipping & Handling feature equivalent to one ESC5 feature. IBM i Operation System Partition Specify indicator (#0267) is required.

IBM i unlimited user entitlement for the first activated core will be enabled through the EasyScale agreement when 10 user entitlements are purchased at the initial transaction.

Note: The feature Customer Specified Placement (#0456) is not allowed on orders with feature numbers EPWG, EPWH, or EPWJ.

Hardware Announcement 116-003, dated January 19, 2016, has been updated to replace the 146 GB HDD in the existing bundle features with the 300 GB HDD equivalent of ESDB feature.

The Small Linux™ configuration (#EPWA) delivers two 10-core 3.4 GHz processors equivalent to two EPXD features with one core activated, 256 GB memory equivalent to eight EM84 features, a 300 GB disk drive equivalent to feature ESDB, two power supplies equivalent to two EB2M features, and one Shipping & Handling feature equivalent to one ESC5 feature. Linux Partition Specify indicator (#0266) is required.

The Medium Linux configuration (#EPWB) delivers two 10-core 3.4 GHz processors equivalent to two EPXD features with one core activated, 512 GB memory equivalent to sixteen EM84 features, a 300 GB disk drive equivalent to feature ESDB, two power supplies equivalent to two EB2M features, and one Shipping & Handling feature equivalent to one ESC5 feature. Linux Partition Specify indicator (#0266) is required.

The Large Linux configuration (#EPWC) delivers two 10-core 3.4 GHz processors equivalent to two EPXD features with one core activated, 1 TB memory equivalent to 16 EM85 features, a 300 GB disk drive equivalent to feature ESDB, two power supplies equivalent to two EB2M features, and one Shipping & Handling feature equivalent to one ESC5 feature. Linux Partition Specify indicator (#0266) is required.

The Small AIX(R) configuration (#EPWD) delivers two 10-core 3.4 GHz processors equivalent to two EPXD features with one core activated, 256 GB memory equivalent to eight EM84 features, a 300 GB disk drive equivalent to feature ESDB, two power supplies equivalent to two EB2M features, and one Shipping & Handling feature equivalent to one ESC5 feature. AIX Partition Specify indicator (#0265) is required.

The Medium AIX configuration (#EPWE) delivers two 10-core 3.4 GHz processors equivalent to two EPXD features with one core activated, 512 GB memory equivalent to 16 EM84 features, a 300 GB disk drive equivalent to feature ESDB, two power supplies equivalent to two EB2M features, and one Shipping & Handling feature equivalent to one ESC5 feature. AIX Partition Specify indicator (#0265) is required.

The Large AIX configuration (#EPWF) delivers two 10-core 3.4 GHz processors equivalent to two EPXD features with one core activated, 1 TB memory equivalent to 16 EM85 features, a 300 GB disk drive equivalent to feature ESDB, two power supplies equivalent to two EB2M features, and one Shipping & Handling feature equivalent to one ESC5 feature. AIX Partition Specify indicator (#0265) is required.

Note: The feature Customer Specified Placement (#0456) is not allowed on orders with feature numbers EPWA, EPWB, EPWC, EPWD, EPWE, or EPWF.

Reference information

For more information on the EasyScale for Linux / AIX for MSPs offering, refer to Hardware Announcement 116-003, dated January 19, 2016.

Product number

The following already announced features are updated on the specific models of the IBM Power Systems 8284 machine type:

Description	Machine type	Model	Feature number
Small Linux Configuration --2 10-core 3.42GHz Processors, 256 GB Memory, 300 GB HDD	8284	22A	EPWA
Medium Linux Configuration - 2 10-core 3.42 GHz Processors, 512 GB Memory, 300 GB HDD	8284	22A	EPWB
Large Linux Configuration -- 2 10-core 3.42 GHz Processors, 1 TB Memory, 300 GB HDD	8284	22A	EPWC

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Small AIX Configuration -- 2 10-core 3.42 GHz
Processors, 256 GB Memory, 300 GB HDD          8284   22A      EPWD
Medium AIX Configuration - 2 10-core 3.42 GHz
Processors, 512 GB Memory, 300 GB HDD          8284   22A      EPWE
Large AIX Configuration - 2 10--core 3.42 GHz
Processors, 1 TB Memory, 300 GB HDD            8284   22A      EPWF
Small IBM i Configuration --2 10-core 3.42GHz
Processors, 256 GB Memory, 300 GB HDD          8284   22A      EPWG
Medium IBM i Configuration - 2 10-core 3.42 GHz
Processors, 512 GB Memory, 300 GB HDD          8284   22A      EPWH
Large IBM i Configuration -- 2 10-core 3.42 GHz
Processors, 1 TB Memory, 300 GB HDD            8284   22A      EPWJ
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