

IBM Power Solution Editions for Healthcare are enhanced with IBM Power Enterprise Pools 2.0 capability

Table of contents

| | |
|---|---|
| 1 Overview | 5 Technical information |
| 1 Key requirements | 5 Terms and conditions |
| 2 Planned availability date | 5 Prices |
| 2 Product number | 7 Regional availability |
| 3 Publications | |

At a glance

The combination of IBM^(R) Power^(R) Enterprise Pools 2.0 and IBM Power Solution Editions for Healthcare delivers enhanced multisystem resource sharing and by-the-minute consumption of selected on-premises IBM Power system compute resources to clients deploying and managing a private cloud infrastructure for medium and large hospitals using approved healthcare Independent Software Vendor (ISV) software, such as Epic's Electronic Health Record (EHR) application.

Overview

The combined capability of Power Enterprise Pools 2.0 and Power Solution Editions for Healthcare can help you deploy and manage your private cloud infrastructure in a more cost-effective and efficient manner. Benefits include:

- Enablement of instant access to 100% physical capacity for productive work while lowering the cost of high availability (HA) and disaster recovery (DR) environments, which are typically idle.
- Reduced cost for standard Epic 3 system deployment.
- Additional savings by the purchasing only the Pools 2.0 Base Activations needed for the first year and using Pools 2.0 Capacity Credits (5819-CRD) or more Pools 2.0 Base Activations in the future for growth.
- Choice and flexibility of prepaid or pay-per-use billing (billed monthly) for IBM Power Private Cloud using Pools 2.0.
- All required software licenses and support for the full operating system (OS) stack, including IBM PowerHA^(R), are included with either option. You can also combine operational costs (OpEx) and capital expenditures (CapEx) to meet your desired financial goals.

Feature exchange

Not applicable

Key requirements

Not applicable

Planned availability date

September 9, 2022

Availability within a country is subject to local legal requirements.

Reference information

[122-031](#), dated July 12, 2022.

Product number

The following are newly announced features on the specific models of the IBM Power 9043 and 9080 machine type:

Planned Availability Date September 9, 2022

New Features

| Description | Machine type | Model number | Feature number |
|--|--------------|--------------|----------------|
| 512GB Base Memory Activation for Pools2.0 Healthcare | 9080 | HEX | EDA8 |
| 1 core Base Processor Activation (PEP 2.0 Healthcare) for #EDP4 - any O/S | 9080 | HEX | EPDZ |
| 1 Base Processor Activation (PEP 2.0 Healthcare) for #EPGW - any O/S | 9043 | MRX | ERQP |
| 1 Base Processor Activation (PEP 2.0 Healthcare) for #EPGW - any O/S (Conv from HSE) | 9043 | MRX | ERQQ |
| 512GB Base Memory Activation for PEP 2.0 | 9043 | MRX | ERQR |
| 512GB Base Memory Activation for Pools2.0 Healthcare | 9043 | MRX | ERQS |
| 512GB Base Memory Activation for Pools2.0 (convert Healthcare) | 9043 | MRX | ERQT |

Feature conversions

Feature Conversions

The existing components being replaced during a model or feature conversion become the property of IBM and must be returned.

Feature conversions are always implemented on a "quantity of one for quantity of one" basis. Multiple existing features may not be converted to a single new feature. Single existing features may not be converted to multiple new features.

The following conversions are available to customers:

Feature conversions for 9043-MRX memory features:

| From FC: | To FC: | Return parts |
|---|---|--------------|
| EHC8 - 512GB Base Memory activation for MRX #EHC8 | ERQT - 512GB Base Memory Activation for Pools2.0 (convert Healthcare) | No |

Feature conversions for 9043-MRX processor features:

| From FC: | To FC: | Return parts |
|---|---|--------------|
| EHCA - Processor Activation for Healthcare Solution (#EHC8) | ERQQ - 1 Base Processor Activation (PEP 2.0 Healthcare) for #EPGW - any O/S (Conv from HSE) | No |

Feature conversions for 9080-HEX memory features:

| From FC: | To FC: | Return parts |
|---|--|--------------|
| EMAC - 512 GM Memory Activation for #EHC9 | EDAR - 512 GB Base Memory activation (Pools 2.0) from Static | No |

Feature conversions for 9080-HEX processor features:

| From FC: | To FC: | Return parts |
|--|--|--------------|
| ELCP - 1 core Processor activation for #EHC9 no cost | EPS2 - 1 core Base Proc Act (Pools 2.0) for #EDP4 any OS (from Static) | No |

Business Partner information

If you are an IBM Business Partner acquiring IBM products or services directly from IBM, you may link directly to Business Partner information for this announcement.

[BP Attachment for Announcement Letter 122-103](#)

Publications

No publications are shipped with the announced product.

To access the IBM Publications Center Portal, go to the [IBM Publications Center](#) website.

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. A large number of publications are available online in various file formats, which can currently be downloaded.

Services

IBM Systems Lab Services

Systems Lab Services offers infrastructure services to help build hybrid cloud and enterprise IT solutions. From servers to storage systems and software, Systems Lab Services can help deploy the building blocks of a next-generation IT infrastructure to empower a client's business. Systems Lab Services consultants can perform infrastructure services for clients online or onsite, offering deep technical expertise, valuable tools, and successful methodologies. Systems Lab Services is designed to help clients solve business challenges, gain new skills, and apply best practices.

Systems Lab Services offers a wide range of infrastructure services for IBM Power servers, IBM Storage systems, IBM Z^(R), and IBM LinuxONE. Systems Lab Services

has a global presence and can deploy experienced consultants online or onsite around the world.

For assistance, contact Systems Lab Services at ibmsls@us.ibm.com.

To learn more, see the [IBM Systems Lab Services](#) website.

IBM Consulting™

As transformation continues across every industry, businesses need a single partner to map their enterprise-wide business strategy and technology infrastructure. IBM Consulting is the business partner to help accelerate change across an organization. IBM specialists can help businesses succeed through finding collaborative ways of working that forge connections across people, technologies, and partner ecosystems. IBM Consulting brings together the business expertise and an ecosystem of technologies that help solve some of the biggest problems faced by organizations. With methods that get results faster, an integrated approach that is grounded in an open and flexible hybrid cloud architecture, and incorporating technology from IBM Research^(R) and IBM Watson^(R) AI, IBM Consulting enables businesses to lead change with confidence and deliver continuous improvement across a business and its bottom line.

For additional information, see the [IBM Consulting](#) website.

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Get preventive maintenance, onsite and remote support, and gain actionable insights into critical business applications and IT systems. Speed developer innovation with support for over 240 open-source packages. Leverage powerful IBM analytics and AI-enabled tools to enable client teams to manage IT problems before they become emergencies.

TSS offers extensive IT maintenance and support services that cover more than one niche of a client's environment. TSS covers products from IBM and OEMs, including servers, storage, network, appliances, and software, to help clients ensure high availability across their data center and hybrid cloud environment.

For details on available services, see the [Technology support for hybrid cloud environments](#) website.

IBM Expert Labs

Expert Labs can help clients accelerate their projects and optimize value by leveraging their deep technical skills and knowledge. With more than 20 years of industry experience, these specialists know how to overcome the biggest challenges to deliver business results that can have an immediate impact.

Expert Labs' deep alignment with IBM product development allows for a strategic advantage as they are often the first in line to get access to new products, features, and early visibility into roadmaps. This connection with the development enables them to deliver First of a Kind implementations to address unique needs or expand a client's business with a flexible approach that works best for their organization.

For additional information, see the [IBM Expert Labs](#) website.

IBM Security^(R) Expert Labs

With extensive consultative expertise on IBM Security software solutions, Security Expert Labs helps clients and partners modernize the security of their applications, data, and workforce. With an extensive portfolio of consulting and learning services, Expert Labs provides project-based and premier support service subscriptions.

These services can help clients deploy and integrate IBM Security software, extend their team resources, and help guide and accelerate successful hybrid cloud solutions, including critical strategies such as zero trust. Remote and on-premises software deployment assistance is available for IBM Cloud Pak^(R) for Security, IBM

Security QRadar^(R)/QRoC, IBM Security SOAR/Resilient^(R), IBM i2, IBM Security Verify, IBM Security Guardium^(R), and IBM Security MaaS360^(R).

For more information, contact Security Expert Labs at sel@us.ibm.com.

For additional information, see the [IBM Security Expert Labs](#) website.

IBM support

For installation and technical support information, see the [IBM Support](#) website.

Additional support

IBM Client Engineering for Systems

Client Engineering for Systems is a framework for accelerating digital transformation. It helps you generate innovative ideas and equips you with the practices, technologies, and expertise to turn those ideas into business value in weeks. When you work with Client Engineering for Systems, you bring pain points into focus. You empower your team to take manageable risks, adopt leading technologies, speed up solution development, and measure the value of everything you do. Client Engineering for Systems has experts and services to address a broad array of use cases, including capabilities for business transformation, hybrid cloud, analytics and AI, infrastructure systems, security, and more. Contact Client Engineering at sysgarage@ibm.com.

Technical information

Specified operating environment

Hardware requirements

- IBM Power E1080 or
- IBM Power E1050

Planning information

Cable orders

Not applicable

Security, auditability, and control

The client is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communications facilities.

Terms and conditions

Client setup

Yes

Prices

For additional information and current prices, contact your local IBM representative or IBM Business Partner.

The following are newly announced features on the specific models of the IBM Power 9043 and 9080 machine type:

| Description Machine type 9043 | Model number | Feature number | Purchase price | Minimum Monthly Maint. charge | Initial/ MES/ Both/ support | RP CSU MES |
|----------------------------------|-----------------|-------------------|-------------------|--|--------------------------------------|------------------|
| 1 Base ProcAct P-H EPGW | MRX | ERQP | | | Both | Yes No |
| 1 Base ProcAct P-H EPGW | MRX | ERQQ | | | Both | Yes No |
| 512GB BaseMemAct PEP | MRX | ERQR | | | Both | Yes No |
| 512GB BaseMemAct HSE | MRX | ERQS | | | Both | Yes No |
| 512GB BaseMemAct conv | MRX | ERQT | | | Both | Yes No |

| Description Machine type 9080 | Model number | Feature number | Purchase price | Minimum Monthly Maint. charge | Initial/ MES/ Both/ support | RP CSU MES |
|----------------------------------|-----------------|-------------------|-------------------|--|--------------------------------------|------------------|
| 512GB BaseMemAct HSE | HEX | EDA8 | | | Both | Yes No |
| 1 Base ProcAct P-H EDP4 | HEX | EPDZ | | | Both | Yes No |

Feature Conversions

Feature conversions for 9043-MRX memory features:

| From FC: | To FC: | Parts returned | Purchase price |
|---|---|-------------------|-------------------|
| EHC8 - 512GB Base Memory activation for MRX #EHC8 | ERQT - 512GB Base Memory Activation for Pools2.0 (convert Healthcare) | No | |

Feature conversions for 9043-MRX processor features:

| From FC: | To FC: | Parts returned | Purchase price |
|---|---|-------------------|-------------------|
| EHCA - Processor Activation for Healthcare Solution (#EHC8) | ERQQ - 1 Base Processor Activation (PEP 2.0 Healthcare) for #EPGW - any O/S (Conv from HSE) | No | |

Feature conversions for 9080-HEX memory features:

| From FC: | To FC: | Parts returned | Purchase price |
|---|--|-------------------|-------------------|
| EMAC - 512 GB Memory Activation for #EHC9 | EDAR - 512 GB Base Memory activation (Pools 2.0) from Static | No | |

Feature conversions for 9080-HEX processor features:

| From FC: | To FC: | Parts returned | Purchase price |
|----------|--------|-------------------|-------------------|
| | | | |

| | | |
|--|---|----|
| ELCP - 1 core Processor activation for #EHC9 no cost | EPS2 - 1 core Base Proc Act (Pools 2.0) for #EDP4 any OS (from Static) | No |
|--|---|----|

RP MES = Return parts, miscellaneous equipment specifications
CSU = Customer setup

Regional availability

American Samoa, Guam, Marshall Islands, Federated States of Micronesia, Northern Mariana Islands, Palau, Puerto Rico, United States, and US Virgin Islands

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