

IBM WebSphere Hybrid Edition 5.0 gives organizations a full spectrum of on-premises, cloud, and hybrid solutions

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At a glance

IBM[®] WebSphere Hybrid Edition 5.0 is designed to address a full range of WebSphere development and deployment needs, including:

- On-premises solutions
- Cloud solutions
- Hybrid solutions
- Solutions to meet current and future needs

Overview

WebSphere Hybrid Edition 5.0, which is designed for on-premises, cloud, and hybrid cloud deployments, includes all the major WebSphere Application Server editions:

- IBM WebSphere Application Server Network Deployment
- IBM WebSphere Application Server
- IBM WebSphere Application Server Liberty Core

WebSphere Hybrid Edition 5.0 is the solution of choice for existing on-premises WebSphere Application Server deployments, which are the WebSphere deployments that have powered a good portion of the world's economy for the last 20 years. Many of these applications will not be migrated to cloud in the near term, and with WebSphere Hybrid Edition 5.0 they can remain in place or make a gradual transition. WebSphere Hybrid Edition gives you the flexibility to move between WebSphere editions over time without additional entitlements.

WebSphere Hybrid Edition 5.0 also is the solution of choice for migrating WebSphere Application Server applications to the cloud. WebSphere Application Server and WebSphere Application Server Network Deployment include the WebSphere Liberty and Open Liberty options. With its extremely small footprint, high performance, and full Java™ EE/Jakarta EE and MicroProfile certification, Liberty is an industry standard for deployments in the cloud, whether modernizing existing applications or creating new cloud-based applications.

The solution also includes complementary value-add options and features to enhance your WebSphere cloud experience. Highlights include:

- The IBM Cloud^(R) Foundry Migration Runtime: A capability that enables you to run Cloud Foundry applications unchanged on Red Hat^(R) OpenShift^(R). This is a migration tool to help expedite and reduce the risk of application migrations from Cloud Foundry onto native Red Hat OpenShift deployments.
- IBM Transformation Advisor: Helps businesses modernize and migrate their applications from on-premises environments to the cloud or to containers. Transformation Advisor can identify applications that are good candidates for migration and provide advice and recommendations regarding how to migrate that application.
- Mono2Micro: An AI-driven feature based on IBM Research technology that accelerates and can take the risk out of refactoring existing applications into modern microservices that are ready for cloud deployments.
- WebSphere Migration Toolkit: Helps you move applications from traditional WebSphere to Liberty with application insights and recommended configurations.

Also supporting WebSphere Hybrid Edition 5.0 deployments is the IBM Global Services team, with skills and best practices to help take the risk out of application modernization projects regardless of whether the project spans one application or an entire enterprise.

As WebSphere applications migrate to the cloud, it becomes critical to be able to manage the resultant hybrid environment. IBM is focused on hybrid implementations as the vehicle for clients to maximize their competitiveness and business results related to cloud deployments. WebSphere has been a leader in hybrid deployments, with support for all the major public clouds, Kubernetes deployments, and now optimizations for Red Hat OpenShift that establish Liberty as a solution for Java Enterprise Edition and Jakarta Enterprise Edition (Java EE/Jakarta EE) and MicroProfile deployments to Red Hat OpenShift in private or public clouds. In addition to WebSphere management, WebSphere Hybrid Edition 5.0 delivers common services enablement to ensure integration and management capability across the IBM software portfolio, most notably with IBM Cloud Pak^(R) solutions.

WebSphere Hybrid Edition 5.0 is a flexible solution for WebSphere Application Server deployments that can enable organizations to meet current and future requirements. It delivers a broad range of technical portfolio options, the capability to mix and match across options over time without additional purchases, a cloud-friendly Virtual Processor Core (VPC)-based metric, and the latest entitlement options from IBM, including perpetual and subscription options.

Key requirements

For details, see the [Software requirements](#) section.

Planned availability date

January 15, 2021

Accessibility by people with disabilities

Accessibility Compliance Reports (previously known as a VPAT) containing details on accessibility compliance to standards, including the Worldwide Consortium Web Content Accessibility Guidelines, European Standard EN 301 349, and US Section 508, can be found on the [IBM Accessibility Conformance Report Request](#) website.

Statement of general direction

IBM intends to provide a complementary offering to WebSphere Hybrid Edition that will provide enhanced AI-driven automation and security best practices for WebSphere Application Server deployments, including traditional, container, cloud, and hybrid deployments. This offering will focus on helping WebSphere clients secure, self-heal, and optimize their WebSphere environments using AI-driven automation to help reduce cost and improve system resiliency. This offering will build on the IBM Cloud Pak platform.

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Program number

Program number	VRM	Program name
5737-N60	5.0	IBM WebSphere Hybrid Edition

Offering Information

Product information is available on the [IBM Offering Information](#) website.

More information is also available on the [Passport Advantage^{\(R\)}](#) and [Passport Advantage Express^{\(R\)}](#) website.

Publications

Documentation for WebSphere Hybrid Edition can be found in the [IBM Knowledge Center](#).

Services

Software Services

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of the lab-based software services team and the business consulting, project management, and infrastructure expertise of the IBM Global Services team. Also, IBM extends the reach of IBM Software Services through IBM Business Partners to provide an extensive portfolio of capabilities. IBM provides the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

To learn more about IBM Software Services, contact your Lab Services Sales or Delivery Leader.

Technical information

Specified operating environment

Software requirements

Detailed requirements for WebSphere Hybrid Edition can be found in the [IBM Knowledge Center](#).

Clients who purchase virtual processor cores of WebSphere Hybrid Edition have the choice to deploy any of the following programs:

- WebSphere Application Server ND
- WebSphere Application Server (base)
- WebSphere Application Server Liberty Core
- IBM Cloud Foundry Migration Runtime*

*Use of IBM Cloud Foundry Migration Runtime requires a separately acquired Red Hat OpenShift environment.

IBM Support

[IBM Support](#) is your gateway to technical support tools and resources that are designed to help you save time and simplify support. IBM Support can help you find answers to questions, download fixes, troubleshoot, submit and track problem cases, and build skills. Learn and stay informed about the transformation of IBM Support, including new tools, new processes, and new capabilities, by going to the [IBM Support Insider](#).

Planning information

Packaging

This offering is delivered through the internet as an electronic download. There is no physical media.

Ordering information

For ordering information, consult your IBM representative or IBM Business Partner, or go to the [Passport Advantage](#) website.

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Passport Advantage

IBM WebSphere Hybrid Edition (5737-N60)

WebSphere Hybrid Edition introduces the following parts:

Part description	Part number
IBM WebSphere Hybrid Edition Virtual Processor Core License + SW Subscription & Support 12 Months	D299MLL
IBM WebSphere Hybrid Edition Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months	E0R7ULL
IBM WebSphere Hybrid Edition Virtual Processor Core SW Subscription & Support Reinstatement 12 Months	D299NLL
IBM WebSphere Hybrid Edition Virtual Processor Core Monthly License	D299YLL

Part description	Part number
IBM WebSphere Hybrid Edition Virtual Processor Core Committed Term License	D29A0LL
IBM WebSphere Hybrid Edition Virtual Processor Core Committed Term License Upgrade	D29A2LL

Passport Advantage trade-up

IBM WebSphere Hybrid Edition (5737-N60)

WebSphere Hybrid Edition introduces the following parts:

Part description	Part number
IBM WebSphere Hybrid Edition Virtual Processor Core from Prior Programs Trade up License + SW Subscription & Support 12 Months	D299PLL
IBM WebSphere Hybrid Edition for IBM Z ^(R) Virtual Processor Core from Prior Programs Trade up License + SW Subscription & Support 12 Months	D299SLL

When trading up to the Program, WebSphere Hybrid Edition, from an Eligible Product, the quantity needed to trade-up to 1 VPC of the Program is the Eligible Product quantity equivalent to 1 VPC of capacity of the Program. In the case of PVU-based Eligible Products, assume 1 VPC corresponds to 70 PVUs. So if the Program entitlement related to the Eligible Product were 4, the quantity needed to trade-up would be 280 PVUs of the Eligible Product. Refer to the Program license for the Entitlement Conversion Details.

Consult your IBM representative if you have any questions.

Cross-platform product for use on IBM Z

IBM WebSphere Hybrid Edition (5737-N60)

WebSphere Hybrid Edition introduces the following parts:

Part description	Part number
IBM WebSphere Hybrid Edition for IBM Z Virtual Processor Core License + SW Subscription & Support 12 Months	D299QLL
IBM WebSphere Hybrid Edition for IBM Z Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months	E0R7VLL
IBM WebSphere Hybrid Edition for IBM Z Virtual Processor Core SW Subscription & Support Reinstatement 12 Months	D299RLL
IBM WebSphere Hybrid Edition for IBM Z Virtual Processor Core Monthly License	D299ZLL
IBM WebSphere Hybrid Edition for IBM Z Virtual Processor Core Committed Term License	D29A1LL
IBM WebSphere Hybrid Edition for IBM Z Virtual Processor Core Committed Term License Upgrade	D29A3LL

Charge metric

The charge metrics for this licensed product can be found in the following License Information document:

Program identifier	License Information document title	License Information document number
5737-N60	IBM WebSphere Hybrid Edition 5.0.0	L-DLOZ-BSDR2N

Select your language of choice and scroll down to the Charge Metrics section. Follow-on releases, if any, may have updated terms. See the [License Information documents](#) website for more information.

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License Information number

The following License Information document applies to the offering in this announcement:

Program identifier	License Information document title	License Information document number
5737-N60	IBM WebSphere Hybrid Edition 5.0.0	L-DLOZ-BSDR2N

Follow-on releases, if any, may have updated terms. See the [License Information documents](#) website for more information.

Limited warranty applies

Yes

Limited warranty

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Volume orders (IVO)

No

Passport Advantage applies

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Software Subscription and Support applies

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Variable charges apply

No

Educational allowance available

Not applicable.

Statement of good security practices

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