



# IBM PureApplication Software Suite V2.2.2 and IBM PureApplication Software V2.2.2 support the advanced capabilities of the IBM Bluemix Local System W3500 and W3550 models

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## At a glance

IBM PureApplication<sup>(R)</sup> Software Suite is the one-stop solution for running WebSphere<sup>(R)</sup> Application Server, DB2<sup>(R)</sup>, and PureApplication Software on the Bluemix<sup>(R)</sup> Local System W3500 and W3550. The suite delivers a consolidation of:

- PureApplication Software V2.2.2
- IBM WebSphere Application Server Network Deployment Patterns
- IBM DB2 with BLU with Acceleration Pattern

This suite entitles clients to deploy and manage WebSphere Application Server and DB2, without restrictions, in an environment that is managed by PureApplication Software.

PureApplication Software V2.2.2 provides:

- Open pattern support
- Advanced monitoring capabilities
- Support for the latest VMware
- Support for Red Hat Satellite Server
- The latest, industry security enhancements

## Overview

**PureApplication Software Suite V2.2.2** is a bundled offering that that supports the Bluemix Local System W3500 and W3550 models. This software includes:

- PureApplication Software V2.2.2
- WebSphere Application Server Network Deployment Patterns (5724-H88)
- DB2 with BLU with Acceleration Pattern V1.2.4.1 (5725-R92)

**PureApplication Software V2.2.2** supports Bluemix Local System W3500 and W3550 models. New capabilities include:

- Support for open patterns
- APM monitoring support for OS, DB2, HTTP, and traditional WebSphere Application Server

- Diagnostic console for PureApplication management outages
- Support for Red Hat Satellite Server 6
- VMware 6 Support
- FedRAMP and FISMA readiness for PureApplication Software

PureApplication Software V2.2.2 supports the existing PureApplication System W3700, W2700, W2500, W1700, and W1500 models.

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## Key prerequisites

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PureApplication Software Suite requires one of the following:

- Bluemix Local System W3500 or W3550
- IBM<sup>(R)</sup> POWER7<sup>(R)</sup>, POWER8<sup>(R)</sup>, or Intel<sup>TM</sup> server
- IBM Softlayer

PureApplication Software V2.2.2 requires one of the following:

- Bluemix Local System W3500 or W3550
- PureApplication System W3700, W2700, W2500, W1700, or W1500 appliances
- POWER7, POWER8, or Intel server
- Softlayer

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## Planned availability date

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September 9, 2016

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## Description

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### **PureApplication Software Suite V2.2.2**

PureApplication Software Suite entitles clients to deploy:

- PureApplication Software V2.2.2
- WebSphere Application Server ND V8.5 or WebSphere Application Server ND V9.0
- DB2 Advanced Workgroup Server Edition V10.5

Clients can deploy PureApplication Software Suite on Bluemix Local System, SoftLayer<sup>(R)</sup>, or on their Intel server.

A trade up to PureApplication Software Suite is available for existing PureApplication Software clients.

PureApplication Software Suite is configured on the clients' Bluemix Local System by IBM.

### **PureApplication Software V2.2.2**

#### ***Open patterns***

Clients can use PureApplication Software and IBM Blue Box<sup>(R)</sup> to deploy open patterns, which are built with open technology:

- OpenStack Heat orchestration
- Open source automation scripting that includes:

- Salt
- Ansible
- Chef
- Puppet
- Operating systems
- Hypervisors

Key benefits of open patterns include:

- Portability. Clients' workload can run on environments that use the same open technologies.
- Speed of innovation. Patterns are supported by a vast community.
- Skills availability. A large pool of developers are available.
- Open standards support:
  - Consistency of user experience
  - Ease of integration
- Breadth of content. There are many sources of workload automation.

Entitlement and support for IBM Application Performance Management (APM) monitoring in PureApplication Software enable clients to monitor operating systems, DB2, HTTP, and traditional WebSphere Application Server with an external APM server. APM:

- Intelligently monitors, analyzes, and manages cloud, on-premise and hybrid applications, and IT infrastructure.
- Enables clients to monitor and improve the stability of their application infrastructure.
- Helps identify the root cause of issues quickly to proactively prevent outages and keep users satisfied.

Included in Version 2.2.2 is support for APM, which can be downloaded from Passport Advantage<sup>(R)</sup>.

Diagnostic console for PureApplication management outages allow clients to detect and perform root cause analysis on PureApplication outages and take steps to minimize future outages.

Support for Red Hat Satellite Server 6 ensures that all the Red Hat-based pattern deployments run with the latest security, performance, and functional updates on clients' Red Hat operating system.

Support for VMware 6 ensures the latest security, performance, and functional updates from VMware and are available to PureApplication clients.

### ***FISMA and FedRAMP compliance***

PureApplication Software includes an enhanced security and compliance foundation to include readiness for FISMA and FedRAMP standards:

- Supports capabilities and evidentiary documentation for all applicable 331 federal controls.
- Supports Single Sign-On (SSO) using Security Assertion Markup Language (SAML) for Multi Factor Authentication (MFA).
- Supports FIPS 140-2 based cryptographic algorithms and modules for workload data processing.
- Provides robust security standard to ensure workloads are compliant to level 1 requirements.

### ***Accessibility by people with disabilities***

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A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be found on the [IBM Accessibility](#) website.

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## Section 508 of the US Rehabilitation Act

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IBM PureApplication Software Suite V2.2.2 and PureApplication Software V2.2.2 are capable as of September 9, 2016, when used in accordance with the IBM associated documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it. A US Section 508 Voluntary Product Accessibility Template (VPAT) can be found on the [IBM Accessibility](#) website.

IBM makes no representation about the Section 508 status of these third-party products included in this offering. Contact the vendor for specific, current information about the Section 508 status of these products.

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## Reference information

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For information on IBM Bluemix Local System, refer to Software Announcement [216-325](#), dated July 26, 2016.

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## Program number

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Program number	VRM	Program name
5737-B07	2.2.2	IBM PureApplication Software Suite
5725-Q52	2.2.2	IBM PureApplication Software
5725-Z16	2.2.2	IBM Bluemix Local System W3500
5725-Z17	2.2.2	IBM Bluemix Local System W3550
5725-X32	2.2.2	IBM PureApplication System W3700
5725-G32	2.2.2	IBM PureApplication System W1500
5725-F46	2.2.2	IBM PureApplication System W1700
5725-Q93	2.2.2	IBM PureApplication System W2500
5725-Q94	2.2.2	IBM PureApplication System W2700

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## Offering Information

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

More information is also available on the [Passport Advantage<sup>\(R\)</sup>](#) and [Passport Advantage Express<sup>\(R\)</sup>](#) website.

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## Publications

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[Product information](#) is available.

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## Services

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## Software Services

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IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an extensive portfolio of capabilities. Together, we provide 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 or to contact a Software Services sales specialist, go to the [IBM Software Services](#) website.

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## Technical information

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### Specified operating environment

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#### *Hardware requirements*

PureApplication Software Suite requires one of the following:

- Bluemix Local System W3500 or W3550
- Intel, POWER7, or POWER8 server
- Softlayer

PureApplication Software V2.2.2 requires one of the following:

- Bluemix Local System W3500 or W3550 models
- PureApplication System W3700, W2700, W2500, W1700, or W1500 models
- Intel, POWER7, or POWER8 server
- Softlayer

#### *Software requirements*

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

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

### Planning information

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#### *Packaging*

PureApplication Software Suite V2.2.2 is configured by IBM on the Bluemix Local System.

PureApplication Software V2 is delivered through the internet.

This program, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, and will be presented for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

#### *Direct customer support*

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Software Subscription and Support (also referred to as Software Maintenance) is included with licenses purchased through Passport Advantage and Passport Advantage Express. Product upgrades and technical support are provided by the

Software Subscription and Support (Software Maintenance) offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software, and technical support provides voice and electronic access to IBM support organizations, worldwide.

IBM includes one year of Software Subscription and Support (also referred to as Software Maintenance) with each program license acquired. The initial period of Software Subscription and Support (Software Maintenance) can be extended by the purchase of a renewal option, if available.

## Ordering information

This product is only available through Passport Advantage. It is not available as shrinkwrap.

These products may only be sold directly by IBM or by authorized IBM Business Partners for Software Value Plus.

More information can be found on the [IBM Software Value Plus](#) website.

To locate IBM Business Partners for Software Value Plus in your geography for a specific Software Value Plus portfolio, go to the [Find a Business Partner](#) page.

Product group	PureApplication System
<b>Product Identifier Description</b>	<b>PID</b>
PureApplication Software V2	5725-Q52
PureApplication Software Suite V1	5737-B07
Product category	PureApplication Systems

### Passport Advantage

#### IBM PureApplication Suite V2 (5737-B07)

PureApplication Software Suite- per PVU	Part number
License and Software Subscription & Support 12 mo	D1PEHLL
Annual Software Subscription & Support Renewal 12 mo	E0MZKLL
Annual Software Subscription & Support Reinstatement 12 mo	D1PEILL
Monthly license	D1PEKLL
Trade up from IBM PureApplication Software Processor Value Unit License + SW S&S 12 Months	D1PEJLL

#### IBM PureApplication Software V2

For ordering information, refer to Software Announcement [214-222](#), dated May 27, 2014.

### Charge metric

Program name	PID	Charge metric
IBM PureApplication Software V2	5725-Q52	Processor Value Unit
IBM Pureapplication Software Suite V1	5737-B07	Processor Value Unit

### Processor Value Unit (PVU)

PVU is a unit of measure by which the program can be licensed. The number of PVU entitlements required is based on the processor technology (defined within the PVU

table by processor value, brand, type, and model number at the website below) and the number of processors made available to the program. IBM continues to define a processor, for the purpose of PVU-based licensing, to be each processor core on a chip (socket). A dual-core processor chip, for example, has two processor cores. The PVU table can be found on the [PVU licensing for Distributed Software](#) page. Licensee can deploy the program using either full capacity licensing or virtualization capacity (sub-capacity) licensing according to the Passport Advantage Sub-Capacity Licensing Terms found on the [Virtualization Capacity License Counting Rules](#) page. If using full capacity licensing, licensee must obtain PVU entitlements sufficient to cover all activated processor cores\* in the physical hardware environment made available to or managed by the program, except for those servers from which the program has been permanently removed. If using virtualization capacity licensing, licensee must obtain entitlements sufficient to cover all activated processor cores made available to or managed by the program, as defined according to the Virtualization Capacity License Counting Rules that can be found on the [Virtualization Capacity License Counting Rules](#) page.

\* An activated processor core is a processor core that is available for use in a physical or virtual server, regardless of whether the capacity of the processor core can be or is limited through virtualization technologies, operating system commands, BIOS settings, or similar restrictions.

### Notes

- Some programs may require licenses for the program **and** what is being managed. In that case, the following applies. In addition to the entitlements required for the program directly, licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
- Some programs may be licensed on a managed basis only. In that case, the following applies. Instead of the entitlements required for the program directly, licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
- A few programs on an exception basis may be licensed on a referenced basis. In that case, the following applies. Rather than obtaining entitlements for the activated processor cores available to the program, licensee must obtain PVU entitlements for this program sufficient to cover the environment made available to the referenced program as if the program itself were executing everywhere the referenced program was executing, independent of the basis on which the referenced program is licensed.

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## Terms and conditions

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The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM International Program License Agreement, IBM International Passport Advantage Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

This product is only available through Passport Advantage.

### Licensing

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IBM International Program License Agreement including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use. Part number products only, offered outside of Passport Advantage, where applicable, are license only and do not include Software Maintenance.

This software license includes Software Subscription and Support (also referred to as Software Maintenance).

### Agreement for Acquisition of Software Maintenance

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These programs are licensed under the IBM Program License Agreement (IPLA) and the associated Agreement for Acquisition of Software Maintenance, which provide for support with ongoing access to releases and versions of the program. IBM includes one year of Software Subscription and Support (also referred to as Software Maintenance) with the initial license acquisition of each program acquired. The initial period of Software Subscription and Support (also referred to as Software Maintenance) can be extended by the purchase of a renewal option, if available. These programs have a one-time license charge for use of the program and an annual renewable charge for the enhanced support that includes telephone assistance (voice support for defects during normal business hours), as well as access to updates, releases, and versions of the program as long as support is in effect.

### **License Information number**

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<b>Product name</b>	<b>License number</b>
IBM PureApplication Software Suite V2.2.2	L-CTUR-ABEMAT
IBM PureApplication Software V2.2.2	L-CTUR-ABEM8G

See the [License Information documents](#) page on the IBM Software License Agreement website for more information.

### **Limited warranty applies**

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Yes

### **Limited warranty**

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IBM warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. IBM does not warrant uninterrupted or error-free operation of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.

IBM provides you with access to IBM databases containing information on known program defects, defect corrections, restrictions, and bypasses at no additional charge. For further information, see the [IBM Software Support Handbook](#).

IBM will maintain this information for at least one year after the original licensee acquires the program (warranty period).

### **Program technical support**

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Technical support of a program product version or release will be available for a minimum of five years from the general availability date, as long as your Software Subscription and Support (also referred to as Software Maintenance) is in effect.

This technical support allows you to obtain assistance (by telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Subscription and Support (Software Maintenance) also provides you with access to updates (modifications or fixes), releases, and versions of the program. You will be notified, through an announcement letter, of discontinuance of support with 12 months' notice. If you require additional technical support from IBM, including an extension of support beyond the discontinuance date, contact your IBM representative or IBM Business Partner. This extension may be available for a fee.

### **Money-back guarantee**

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If for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you



obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

For clarification, note that (1) for programs acquired under the IBM International Passport Advantage offering, this term applies only to your first acquisition of the program and (2) for programs acquired under any of IBM 's On/Off Capacity on Demand (On/Off CoD) software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

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**Volume orders (IVO)**

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No

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**Passport Advantage applies**

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Yes, information is available on the [Passport Advantage and Passport Advantage Express](#) website.

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**Software Subscription and Support applies**

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Yes. Software Subscription and Support, also referred to as Software Maintenance, is included with licenses purchased through Passport Advantage and Passport Advantage Express. Product upgrades and Technical Support are provided by the Software Subscription and Support offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software, and Technical Support provides voice and electronic access to IBM support organizations, worldwide.

IBM includes one year of Software Subscription and Support with each program license acquired. The initial period of Software Subscription and Support can be extended by the purchase of a renewal option, if available.

While your Software Subscription and Support is in effect, IBM provides you assistance for your routine, short duration installation and usage (how-to) questions, and code-related questions. IBM provides assistance by telephone and, if available, electronic access, only to your information systems (IS) technical support personnel during the normal business hours (published prime shift hours) of your IBM support center. (This assistance is not available to your users.) IBM provides Severity 1 assistance 24 hours a day, 7 days a week. For additional details, see the [IBM Software Support Handbook](#). Software Subscription and Support does not include assistance for the design and development of applications, your use of programs in other than their specified operating environment, or failures caused by products for which IBM is not responsible under the applicable agreements.

Unless specified otherwise in a written agreement with you, IBM does not provide support for third party products that were not provided by IBM. Ensure that when contacting IBM for covered support, you follow problem determination and other instructions that IBM provides, including in the [IBM Software Support Handbook](#).

For additional information about the International Passport Advantage Agreement and the IBM International Passport Advantage Express Agreement, go to the [Passport Advantage and Passport Advantage Express](#) website.

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**System i Software Maintenance applies**

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No

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**Variable charges apply**

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No

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**Educational allowance available**

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Not applicable.

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## Statement of good security practices

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IT system security involves protecting systems and information through prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a lawful, comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective.

**Important:** IBM does not warrant that any systems, products, or services are immune from, or will make your enterprise immune from, the malicious or illegal conduct of any party.

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## Prices

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### Business Partner information

If you are an IBM Business Partner -- Distributor for Workstation Software acquiring products from IBM, you may link to Passport Advantage Online for resellers where you can obtain Business Partner pricing information. An IBM ID and password are required to access the <https://www.ibm.com/software/howtobuy/passportadvantage/paoresellerwebsite>.

### Passport Advantage

For Passport Advantage information and charges, contact your IBM representative or authorized IBM Business Partner for Software Value Plus. Additional information is also available on the [Passport Advantage and Passport Advantage Express](#) website.

### IBM Global Financing

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