



IBM AIX Standard Edition delivers a new monthly pricing option

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At a glance

IBM^(R) AIX^(R) Standard Edition is now available with a new monthly pricing option to provide more flexibility for cloud-based use cases, whether that is for an on-premises or service provider environment.

- Pay for what you need on a term or subscription basis, with Software Subscription and Support included.
- Handle seasonal workloads, development and testing workloads, or simply have greater flexibility with the ability to adjust the amount of license entitlement you pay for on a monthly basis.
- Service Providers will be able to avoid upfront investment in software and realize a low cost of entry, with the ability to match their cost model and revenue model for lower operational risk.

Overview

More and more businesses are running AIX workloads within a mixed hybrid environment of on-premises and service provider environments. The new AIX monthly pricing offering enables hosting providers to match cost and revenue models to reduce operational risk, and enables enterprise clients to easily take advantage of monthly pricing in both of these environments.

The drive to cloud-based use cases creates a need for a simplified term-subscription pricing, with license entitlement, software maintenance, and support tied into a single monthly price. This offering uses Virtual Processor Core (VPC) as a simplified metric for determining entitlement needs and is offered for AIX Standard Edition V7.1 and V7.2.

While not required for the use of VPC, the AIX VPC Tool can help you determine your level of VPC usage.

AIX monthly pricing is orderable from IBM Passport Advantage^(R) ordering systems. Perpetual one-time charge license options remain unchanged through AAS.

Key prerequisites

Any IBM system that includes an IBM POWER^(R) processor designated Small Tier Server only.

AIX Standard Edition V7.2 is only supported on IBM POWER7^(R) and above.

Planned availability date

March 28, 2017

Description

Organizations across all industries are investing in cloud technologies for innovation, growth, and efficiency. Clients today are seeking a blend of public cloud, private cloud, and traditional IT platforms. IBM's new solutions help deepen this hybrid cloud integration.

AIX Standard Edition is now available with a monthly pricing metric for billing and payments. The monthly priced and one-time charge priced licenses provide the same AIX Standard Edition code and technical capabilities. Both offerings are available for ordering to enable clients to choose what is best for them.

AIX monthly pricing is available in the Passport Advantage and Passport Advantage Express^(R) ordering systems for these versions:

- AIX 7.2 Standard Edition
- AIX 7.1 Standard Edition

With IBM AIX and VPC monthly pricing, pay for what you need on a term and subscription basis. Easily optimize partition deployment between on-premises and the service provider environments of your choice. A VPC is a processor core in an unpartitioned physical server or a virtual core that is assigned to a virtual server (LPAR). Clients must obtain entitlement for each VPC that is available to AIX.

The counting rules are simple: If you have a virtual core available to your AIX partition, you license a VPC for it regardless of whether it is on-premises or in the cloud. In cases where clients know how many physical cores are being used, they license the lesser of the number of virtual cores or physical cores.

VPC counting examples

Example 1

In a service provider environment, the client:

- Acquires server space from an internal private cloud or public cloud service provider
- Purchases an 8-core virtual CPU environment
- Must license 8 VPCs for this environment

Example 2

In an on-premises deployment that uses IBM PowerVM^(R), the client:

- Deploys multiple PowerVM partitions to run AIX. The server is a 2-socket server with 4 cores per socket. The total number of physical cores is 8.
- Runs 16 LPARS running AIX on the server. The total number of virtual cores across the PowerVM partitions is 16.
- As the hardware can be physically identified as an 8-core server, the client only pays for 8 VPCs and not 16. It is the lesser of the two numbers.

Clients can use the AIX VPC script to determine resource usage data to help estimate the number of virtual processors needed to run business workloads and to help estimate the number to be ordered in the new monthly pricing offering.

AIX is an enterprise-class open standards UNIX™ operating system (OS) for the IBM Power® processor architecture found in IBM Power Systems™. Global business must rely on an infrastructure that is secure, highly available, and able to adapt quickly to changing business needs. AIX delivers these capabilities and more, with the performance, reliability, and security that your mission-critical data demands.

Accessibility by people with disabilities

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

Section 508 of the US Rehabilitation Act

IBM AIX Standard Edition is capable as of March 28, 2017, when used in accordance with IBM's 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 [Product accessibility information](#) website.

Program number

Program number	VRM	Program name
5737-D09	7.1.x and 7.2.x	AIX Standard Edition

Product identification number

Not applicable

Offering Information

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

More information is also available on the [Passport Advantage and Passport Advantage Express®](#) website.

Publications

None

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 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, contact your Lab Services Sales or Delivery Leader.

Technical information

Specified operating environment

Software requirements

Not applicable

IBM Electronic Support

The IBM Support Portal is your gateway to technical support. This includes IBM Electronic Support tools and resources, for software and hardware, to help save time and simplify support. The Electronic Support tools can help you find answers to questions, download fixes, troubleshoot, automate data collection, submit and track problems through the Service Request online tool, and build skills. All these tools are made available through your IBM support agreement. Read about the Electronic Support portfolio of tools on the [IBM Electronic Support](#) website.

You can also access the [IBM Support Portal](#) page and the online [Service requests and PMRs](#) tool for more support.

Planning information

Packaging

This offering is delivered through the internet. There is no physical media.

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.

Any IBM system that includes an IBM POWER processor designated Small Tier Server only.

AIX Standard Edition V7.2 is only supported on POWER7 and above.

Security, auditability, and control

AIX Standard Edition uses the security and auditability features of the system on which the program is installed.

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

Ordering information

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

- Product group: IBM AIX
- Product: IBM AIX Standard Edition (5737-D09)
- Product category: Software

Passport Advantage

Program name/Description	Part number
AIX Standard Edition VPC Monthly	D1S5GLL

Charge metric

Program name	Part number or PID number	Charge metric
IBM AIX Standard Edition	5737-D09	Virtual Processor Core

Virtual Processor Core

Virtual Processor Core is a unit of measure by which the program can be licensed. A *Physical Server* is a physical computer that is comprised of processing units, memory, and input/output capabilities and that executes requested procedures, commands, or applications for one or more users or client devices. Where racks, blade enclosures, or other similar equipment is being employed, each separable physical device (for example, a blade or a rack-mounted device) that has the required components is considered itself a separate Physical Server. A *Virtual Server* is either a virtual computer created by partitioning the resources available to a Physical Server or an unpartitioned Physical Server. A Processor Core (commonly called a *processor* or *CPU*) is a functional unit within a computing device that interprets and executes instructions. A Processor Core consists of at least an instruction control unit and one or more arithmetic or logic unit.

A Virtual Processor Core is a Processor Core in an unpartitioned Physical Server, or a virtual core assigned to a Virtual Server. Licensee must obtain entitlement for each Virtual Processor Core made available to the Program.

For each Physical Server, Licensee must have sufficient entitlements for the lesser of these:

- The sum of all available Virtual Processor Cores on all Virtual Servers made available to the Program
- All available Processor Cores on the Physical Server

Terms and conditions

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.

Any IBM system that includes an IBM POWER processor designated Small Tier Server only.

AIX Standard Edition V7.2 is only supported on POWER7 and above.

Licensing

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.

Agreement for Acquisition of Software Maintenance

The IBM Agreement for Acquisition of Software Maintenance (Z125-6011) applies for Subscription and Support (also referred to as Software Maintenance) and does not require customer signatures.

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 with the initial license acquisition

of each program acquired. The initial period of Software Subscription and Support 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

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

Limited warranty applies

Yes

Limited warranty

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

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 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.

For additional information on the IBM Software Support Lifecycle Policy, see the [IBM Software Support Lifecycle Policy](#) website.

Program support

Subscription and Support includes telephone assistance, as well as access to updates, releases, and versions of the program as long as support is in effect. You will be notified of discontinuance of support with 12 months' notice.

Money-back guarantee

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.

Volume orders (IVO)

No

Passport Advantage applies

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

Software Subscription and Support applies

Yes. Software Subscription and Support (also referred to as Software Maintenance) is now included in the Passport Advantage Agreement. Installation and technical support for the products announced in this announcement is provided by the Software Subscription and Support offering of the IBM International Passport Advantage Agreement. This fee service enhances customer productivity by providing voice or electronic access into the IBM support organizations.

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

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, every day of the year. 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 this agreement.

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

All distributed software licenses include Software Subscription and Support for a period of 12 months from the date of acquisition, providing a streamlined way to acquire IBM software and assure technical support coverage for all licenses. Extending coverage for a total of three years from date of acquisition, may be elected.

Variable charges apply

No

Educational allowance available

Not applicable.

Education allowance does not apply. Education Software allowance does not apply.

Special education prices are available for qualified customers through Passport Advantage.

Statement of good security practices

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.

IBM Electronic Services

Electronic Service Agent™ and the IBM Electronic Support web portal are dedicated to providing fast, exceptional support to organizations that have IBM Systems. The IBM Electronic Service Agent tool is a no-additional-charge tool that proactively monitors and reports hardware events, such as system errors, performance issues, and inventory. The Electronic Service Agent tool can help you stay focused on your company's strategic business initiatives, save time, and spend less effort managing day-to-day IT maintenance issues. Servers enabled with this tool can be monitored remotely around the clock by IBM Support, all at no additional cost to you.

Now integrated into the base operating system of AIX V7, Electronic Service Agent is designed to automatically and electronically report system failures and utilization issues to IBM, which can result in faster problem resolution and increased availability. System configuration and inventory information collected by the Electronic Service Agent tool also can be viewed on the secure Electronic Support web portal, and used to improve problem determination and resolution by you and the IBM support team. To access the tool main menu, simply type `smitty esa_main`, and select Configure Electronic Service Agent. In addition, ESA now includes a powerful web user interface, giving the administrator easy access to status, tool settings, problem information, and filters. For more information and documentation on how to configure and use Electronic Service Agent, go to the [IBM Electronic Support](#) website.

The IBM Electronic Support portal is a single internet entry point that replaces the multiple entry points traditionally used to access IBM internet services and support. This portal enables you to gain easier access to IBM resources for assistance in resolving technical problems. The My Systems and Premium Search functions make it even easier for organizations that are Electronic Service Agent tool-enabled to track system inventory and find pertinent fixes.

Benefits

Increased uptime: The Electronic Service Agent™ tool is designed to enhance the Warranty or Maintenance Agreement by providing faster hardware error reporting and uploading system information to IBM Support. This can translate to less wasted time monitoring the symptoms, diagnosing the error, and manually calling IBM Support to open a problem record. Its 24 x 7 monitoring and reporting mean human intervention is not required to report errors.

Security: The Electronic Service Agent tool is designed to be secure in monitoring, reporting, and storing the data at IBM. The Electronic Service Agent tool is designed to securely transmit either through the internet (HTTPS or VPN) or modem to provide organizations a single point of exit from their site. Communication is one way. Activating Electronic Service Agent does not enable IBM to call into an organization's system.

For additional information, go to the <http://www.ibm.com/support/esa> website.

More accurate reporting: Because system information and error logs are automatically uploaded to the IBM Support Center in conjunction with the service request, you are not required to find and send system information, decreasing the risk of misreported or misdiagnosed errors. Once inside IBM, problem error data is run through a data knowledge management system and knowledge articles are appended to the problem record.

Customized support: Using the IBMid entered during activation, you can view system and support information in the *My Systems and Premium Search* sections of the [IBM Electronic Support](#) website.

My Systems provides valuable reports of installed hardware and software using information collected from the systems by Electronic Service Agent. Reports are available for any system associated with your IBMid. Premium Search combines the function of search and the value of Electronic Service Agent information, providing advanced search of the technical support knowledgebase. Using Premium Search and the Electronic Service Agent information that has been collected from your system, you are able to see search results that apply specifically to your systems.

For more information on how to utilize the power of IBM Electronic Services, contact your IBM Systems Services Representative, or go to the [IBM Electronic Support](#) website.

Prices

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

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 IBMid and password are required to access the <https://www.ibm.com/software/howtobuy/passportadvantage/paoreseller> website.

Passport Advantage

Program name/Description	Part number
AIX Standard Edition VPC Monthly	D1S5GLL

Charge metric

Program name	Part number or PID number	Charge metric
IBM AIX Standard Edition	5737-D09	Virtual Processor Core

Current prices can be found on the [IBM Support Portal](#) website.

Passport Advantage

For Passport Advantage information and charges, contact your IBM representative. Additional information is also available on the [Passport Advantage and Passport Advantage Express](#) website.

IBM Global Financing

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Phone: 800-IBM-CALL (426-2255)

Fax: 800-2IBM-FAX (242-6329)

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For IBM Business Partner: pwcs@us.ibm.com

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Reference:

YE001

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Note: Shipments will begin after the planned availability date.

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