

# IBM Spectrum Protect Plus V10.1.0 delivers a solution for data protection and availability for virtual environments

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## At a glance

IBM Spectrum Protect™ Plus is an innovative data management technology that delivers superior data protection and data accessibility capabilities for virtual environments.

## Overview

IBM Spectrum Protect Plus delivers the following functions:

- Scalable data protection for virtual environments of all sizes
- Disaster recovery when integrated with IBM Spectrum Protect
- Predefined Gold, Silver, and Bronze Service Level Agreements (SLAs) with the ability to customize your own
- Simplified management of critical IT functions, such as data protection and data reuse
- Ease of use for VMware and Hyper-V administrators and application owners
- Role-based access control
- Protection of VMware and Hyper-V virtual environments
- Compression and deduplication
- VMware and Hyper-V snapshots
- Long-term data retention of VMware snapshots when integrated with IBM Spectrum Protect
- Ability to store backup data in a storage array-independent file system
- Reduction in time spent on infrastructure management while improving reliability
- Optimization of existing IT resources by providing automation, user self-service, and API-based operations without the need for any additional hardware
- Automation of test and development infrastructure provisioning, drastically reducing management time
- Enablement of new, high-value use cases, such as leveraging hybrid cloud compute
- Track and catalog IT objects, including volumes, snapshots, virtual machines, data stores, and files
- Deliver advanced insights into protected environments across the enterprise, including recovery point objective (RPO) and recovery time objective (RTO) compliance reporting

- Integration with Microsoft™ SQL server

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## Key prerequisites

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Supported applications and databases include:

- VMware
- Microsoft Hyper-V
- Microsoft SQL Server
- IBM Spectrum Protect

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## Planned availability date

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November 10, 2017 (electronic download only)

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## Description

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IBM Spectrum Protect Plus is an innovative data management technology that delivers superior data protection and data accessibility capabilities for virtual environments. Data is vital for businesses, protecting it and being able to utilize it to make better strategic business decisions in real time is core to a business's competitive advantage. IBM Spectrum Protect Plus is an offering that gives administrators a single point of control for both data protection and data reuse. IBM Spectrum Protect Plus enables simple and reliable data management capabilities for:

- Backup and instantaneous recovery
- Automated disaster recovery when used with IBM Spectrum Protect
- Analytics
- Test/Dev and DevOps
- Reporting
- Patch management

IBM Spectrum Protect Plus delivers these capabilities for data in virtual and cloud environments of all sizes. It safeguards the massive amounts of information that virtual machines generate in VMware and Microsoft Hyper-V virtual environments. IBM Spectrum Protect Plus is a Virtual Appliance file that can be deployed in minutes and operational in less than 60 minutes. Additionally, IBM Spectrum Protect Plus complements IBM Spectrum Protect by safely moving VMware backups to a centralized IBM Spectrum Protect server for long-term data retention and disaster recovery. IBM Spectrum Protect Plus exploits the underlying snapshot technology from VMware and Microsoft Hyper-V to virtually remove traditional backup windows and automate data reuse needs through cloning. The IBM Spectrum Protect Plus simple and intuitive user interface enables scheduled or ad-hoc snapshots to be taken and automated to enable workflows for data recovery and reuse.

IBM Spectrum Protect Plus is designed to:

- Eliminate overhead with optimized virtual machine backup by leveraging VMware and Microsoft Hyper-V backup APIs to simplify and optimize data protection
- Integrate with VMware and Hyper-V snapshots for faster, more frequent backups for virtual machines
- Improve efficiency with built-in snapshot, deduplication, compression, and incremental forever technologies to help reduce costs
- Automate disaster recovery when integrated with IBM Spectrum Protect

- Automate lifecycle management of snapshots, including offloaded VMware snapshots into Spectrum Protect for long-term retention
- Enable multiple use cases, including DevOps, analytics, reporting, and patch management, by correlating tasks between application development and IT operations to improve and accelerate application development
- Provide policy-driven SLA automation with simple, secure, role-based self-service management

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## Statement of general direction

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IBM<sup>(R)</sup> intends to add IBM Spectrum Protect Plus to the IBM Spectrum Protect Suites and the IBM Spectrum Storage<sup>TM</sup> Suite.

IBM's statements regarding its plans, directions, and intent are subject to change or withdrawal without notice at IBM's sole discretion. Information regarding potential future products is intended to outline our general product direction and it should not be relied on in making a purchasing decision. The information mentioned regarding potential future products is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. Information about potential future products may not be incorporated into any contract. The development, release, and timing of any future features or functionality described for our products remain at our sole discretion.

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## Program number

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### For Passport Advantage<sup>(R)</sup> (PPA)

Program number	VRM	Program name
5737-F11	10.1.0	IBM Spectrum Protect Plus

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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 and Passport Advantage Express<sup>\(R\)</sup>](#) website.

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## Publications

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Publications for IBM Spectrum Protect Plus V10.1.0 will be available on the general availability date in [IBM Knowledge Center](#). IBM Knowledge Center will include a combination of HTML and PDF files.

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## Services

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### Global Technology Services

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Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings for the efficient installation, implementation, or integration of this product.

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## Technical information

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## **Specified operating environment**

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### **Software requirements**

IBM Spectrum Protect Plus requires one of the following:

- VMware
- Microsoft Hyper-V

### **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**

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### **Packaging**

IBM Spectrum Protect Plus is distributed 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, which 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.

### **Security, auditability, and control**

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IBM Spectrum Protect Plus uses the security and auditability features of the operating systems software.

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

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## **Ordering information**

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

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

### **For Passport Advantage (PPA)**

Product Group: IBM Spectrum Protect

Product: IBM Spectrum Protect Plus (5737-F11)

Product Category: Spectrum Protect Plus

### **Passport Advantage**

#### **IBM Spectrum Protect Plus (5737-F11)**

Part description	part number
IBM Spectrum Protect Plus 10 Managed Virtual Servers License + SW Subscription & Support 12 Months	D1VBTLL
IBM Spectrum Protect Plus 10 Managed Virtual Servers SW Subscription & Support Reinstatement 12 Months	D1VBULL
IBM Spectrum Protect Plus 10 Managed Virtual Servers Monthly License	D1VBVLL
IBM Spectrum Protect Plus 10 Managed Virtual Servers Annual SW Subscription & Support Renewal	E0NXKLL

### Charge metric

Program name	Part number or PID number	Charge metric
IBM Spectrum Protect Plus	5737-F11	Per 10 managed virtual servers

### Pricing examples

#### Example 1:

A customer has 7,500 virtual machines (VMs) running on VMware and 4,250 virtual machines running on Hyper-V that they wish to protect with IBM Spectrum Protect Plus. The customer will require 1,175 10-packs of managed virtual servers.

7,500 VMware VMs + 4,250 Hyper-V VMs = 11,750 Total VMs

11,750 VMs / 10 VMs per pack = 1,175 10-packs of managed virtual servers

#### Example 2:

A customer has 5,255 VMware VMs running on VMware that they wish to protect with IBM Spectrum Protect Plus. The customer will require 526 10-packs of managed virtual servers.

5,255 VMs / 10 VMs per pack = 525.5 10-packs à round up to 526 10-packs of managed virtual servers.

No partial packs may be purchased and each VM being protected must be licensed

### Managed virtual server

Managed virtual server is a unit of measure by which the Program can be licensed.

- A **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 server.
- A **virtual server** is either a virtual computer created by partitioning the resources available to a physical server or an unpartitioned physical server. Licensee must obtain managed virtual server entitlements for each virtual server managed by the Program.

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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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This program is 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. This program has 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.

IBM will continue to provide standard product technical support (defect and non-defect) for a minimum of three (3) years for this IPLA product, but will not offer extended support after the end of support effective date.

## **License Information number**

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L-SSCZ-AQPR5U

The program's License Information will be available for review on the [IBM Software License Agreement](#) website.

## **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 support**

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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**

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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.

### **Volume orders (IVO)**

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No

### **Passport Advantage applies**

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

### **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.

## Variable charges apply

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No

## Educational allowance available

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Education allowance does not apply. Education software allowance does not apply. Special education prices are available for qualified customers through Passport Advantage.

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## Statement of good security practices

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IT system security involves protecting systems and information through intrusion 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 regulatory compliant, 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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## IBM Electronic Services

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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<sup>(R)</sup> V5.3, AIX V6.1, and AIX V7.1, 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

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**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 [IBM Electronic Service Agent](#) 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](#) page.

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 knowledge base. 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.

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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 IBMid and password are required to access the [IBM Passport Advantage](#) website.

For all local charges, contact your IBM representative.

### **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.

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## Announcement countries

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All European, Middle Eastern, and African countries, except Islamic Republic of Iran, Sudan, and Syrian Arab Republic.

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