IBM Security Access Manager V9.0.3.1 adds a new hardware appliance platform with increased performance

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Overview

In the face of current, large-scale data breaches where passwords are compromised, organizations and regulators need ways to tighten security controls. Conversely, users are accustomed to immediate, easy, and mobile digital experiences that shield them from any time-consuming processes. Fortunately, this apparent mismatch can be resolved by combining intelligent, risk-based access technology and mobile devices to deliver stronger, easy-to-use authentication.

IBM® Security Access Manager, an integrated modular access appliance, can help organizations take back control of their access management system by managing access across many common scenarios with a single solution. It combines web application protection, web reverse proxy, risk-based access control, and identity federation to help secure web, mobile, and cloud workloads.

Available as either a virtual or hardware-based appliance, Security Access Manager can help secure access points into the corporate network and enforce risk-based access policies that define who and what can access protected resources. Scalable and configurable, the solution is designed to provide a policy-based, user authentication and authorization system that helps defend against the latest security threats.

Access Manager V9.0.3.1 delivers a new, hardware appliance platform to increase the performance of the hardware solution. Additionally, Version 9.0.3.1 now delivers these additional capabilities:

- Built-in connection to IBM Cloud Identity Connect to enable hybrid identity and access management deployments that harness efficiency of identity as a service (IDaaS) while maintaining flexibility on premises
- Support for running the Access Manager Virtual appliance on the Microsoft® Azure cloud, on the Microsoft Hyper-V platform, and in a Red Hat Enterprise Virtualization environment
- Easy-to-install support for Fast Identity Online (FIDO) Universal Second Factor (U2F) authentication devices
- Integration with popular DevOps frameworks for deployment automation and orchestration

Key prerequisites
Access Manager is a virtual appliance that runs on a number of popular hypervisors that operate on x86 servers and cloud platforms.

For additional details, refer to the Technical information section.

Planned availability date

- October 27, 2017: IBM Security Access Manager Virtual Edition V9.0.3.1
- December 8, 2017: IBM Security Access Manager Appliance Gen2

Refer to the Availability of national languages section for national language availability.

Product positioning

Access Manager V9.0.3.1 is delivered as an integrated access appliance, in both virtual and hardware form factors, and is sold in a modular fashion. The offering is designed to strengthen an organization's web, cloud, and mobile security posture with integrated access, application protection, identity federation and mobile multi-factor authentication capabilities. Access Manager helps organizations safeguard mobile, cloud, and social interactions, and protect web applications from unauthorized and fraudulent access.

Reference information

For information about IBM Security Access Manager V9.0, refer to Software Announcements:
- 216-410, dated November 8, 2016
- 216-197, dated May 3, 2016
- 216-025, dated January 26, 2016
- 215-191, dated October 13, 2015

Availability of national languages

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Translation information, if available, can be found at the Translation Reports website.

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**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**

A hardcopy publication of *Access Manager Hardware Appliance Quick Start Guide* is shipped with the product and is available in English, French, and Japanese languages.

Softcopy publications of *Access Manager Quick Start Guides* are available in English, French, and Japanese languages and can also be downloaded, at electronic availability, from [IBM Knowledge Center](#).

Additional information on Access Manager is also available from [Knowledge Center](#).

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**Technical information**

**Specified operating environment**

*Hardware requirements*

IBM Security Access Manager is a virtual appliance that runs on x86 servers. The virtual appliance requires at least 100-GB virtual disk space and 4 GB of virtual memory.

For additional information, refer to the [Detailed system requirements for a specific product](#) site. Enter "IBM Security Access Manager" as the product name. Select the desired version level and submit.

*Software requirements*

IBM Security Access Manager runs on a number of popular hypervisors and cloud platforms that include:

- VMware
- KVM
- Citrix XenServer
- Amazon Web Services
- Microsoft Azure
- Microsoft Hyper-V

For additional information, refer to the [Detailed system requirements for a specific product](#) site. Enter "IBM Security Access Manager" as the product name. Select the desired version level and submit.

Such information is provided subject to the following terms. 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, misappropriated, or misused, or can result in damage to or misuse of your systems, including for use in attacks on others. No IT system or product should be considered completely secure and no single product, service, or security measure can be completely effective in preventing improper use or access. IBM systems, products, and services 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.

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

**IBM Security Access Manager Appliance Gen2**

**Physical specifications**
- Width - Rack Ears: 482.6 mm (19 in.)
- Width - System: 430 mm (16.9 in.)
- Depth: 650.0 mm (25.6 in.)
- Height: 44.0 mm (1.7 in.)
- Weight: 14.0 kg (30.6 lb.)

To assure installability and serviceability in non-IBM industry-standard racks, review the installation planning information for any product-specific installation requirements.

**Electrical specifications**

Security Access Manager Appliance (5122-81T) comes with two 550-watt power supplies:
- 100 to 240 (nominal) V ac
- 50 Hz or 60 Hz; 4.3 A to 7.0 A

Input kilovolt-amperes (kVA) (approximately): 0.890 kVA

Security Access Manager Appliance Gen2 conforms to the following standards:
- FCC: Verified to comply with Part 15 of the FCC Rules, Class A
- Canada ICES-003, issue 5, Class A
- UL/IEC 60950-1
- CSA C22.2 No. 60950-1-07

**Operating environment**

Security Access Manager Appliance Gen2 measured with power on:
- Temperature: 10 to 35°C (50 to 95°F)
- Altitude: 0 to 915 meters (0 to 3,000 feet)
- Relative humidity: 8 to 80%
- Dew point: 24°C
- Maximum rate of change 5°C per hour

Security Access Manager Appliance Gen2 measured with power off:
- Temperature: 5 to 45°C (41 to 113°F)
- Relative humidity: 8 to 80 %
- Dew point: 27°C

Shipment temperature: -40 to 60°C (-40 to 140°F)

**Planning information**

**Packaging**

The products in this announcement are distributed with:
- International Program License Agreement (Z125-3301)
- License Information document
- Access Manager Hardware Appliance Quick Start Guide
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.

### 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 Channel Value Rewards.

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

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

Product group: Security

Product: IBM Security Access Manager Appliance (5737-F02)

Product: IBM Security Access Manager Virtual Appliance (5725-V90)

Product category: Access Manager

### Passport Advantage

Except for the additional part numbers as described in the table below for IBM Security Access Manager Appliance Gen2 (5737-F02), the ordering information for IBM Security Access Manager Virtual Edition (5725-V90) remains unchanged from the previous releases. Refer to the ordering information in Software Announcements:

- **216-025**, dated January 26, 2016
- **215-191**, dated October 13, 2015

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**Cross-platform product for use on z Systems**

The ordering information remains unchanged the previous releases. Refer to the ordering information in Software Announcements:

- 216-197, dated May 3, 2016
- 216-025, dated January 26, 2016
- 215-191, dated October 13, 2015

**Charge metric**

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**Appliance Install**

Appliance Install is a unit of measure by which the program can be licensed. An Appliance Install is an installed copy of the program that is included on a single unit of supporting hardware. Licensee must obtain an entitlement for each Appliance Install of the program.

**Install**

Install is a unit of measure by which the Program can be licensed. An Install is an installed copy of the Program on a physical or virtual disk made available to be executed on a computer. Licensee must obtain an entitlement for each Install of the Program.

**Terms and conditions**

The terms and conditions for Security Access Manager V9.0.3, as previously announced in Software Announcement 216-410, dated November 8, 2016, are unchanged, except as listed:
• L-CYII-AQ5EYR: IBM Security Access Manager 9.0.3.1 (5725-V90)
• L-CYII-AQ38GW: IBM Security Access Manager 9.0.3.1 Appliance (5737-F02)

See the License Information documents page on the IBM Software License Agreement website for more information.

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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.

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Now integrated into the base operating system of AIX® 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**

**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.

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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

The prices are unchanged by this announcement.

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For IBM representative: askibm@ca.ibm.com

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

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For questions regarding CVR, see the IBM Channel Value Rewards website.

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