IBM Data Privacy Passports V1.0 beta program delivers enhanced data protection and privacy for IBM z15 and LinuxONE III clients

Overview

As digital technologies advance and the data explosion continues, the risk of security breaches grows. However, organizations have a need to share confidential and important data not only with third parties, but also across internal business units that may not share the same privacy protocols or policies.

To help satisfy this need, IBM(R) introduces IBM Data Privacy Passports. Initially available to a selected group of clients in a beta program, IBM Z(R) takes the next step of the data protection journey on IBM z15 and LinuxONE III servers by extending data protection throughout the enterprise. This protection stays with the data when it is beyond the IBM Z platform and into distributed and hybrid cloud environments. The Data Privacy Passports offering provides a data-centric security solution that will enable data to play an active role in its own protection. These capabilities are designed so that clients can more easily:

- Meet regulatory compliance.
- Remove the complexity of key management.
- Strengthen their hybrid enterprise with IBM Z encryption.

Data Privacy Passports enhances IBM Z data protection by enabling expanded coverage across the entire enterprise and is engineered to deliver these core capabilities:

- Extends transparent data security capability that encompasses data-at-rest and data-in-motion.
- Protects all data at the core of the enterprise and simplifies compliance in an environment of expanding regulation and requirements.
- Enables privacy in an open world with full redaction of data usage.

Key requirements

Data Privacy Passports requires:

- An IBM z15 server or an IBM LinuxONE III server with 96 GB of memory and 128 GB of disk storage
- A minimum of four IBM Integrated Facility for Linux(R) (IFL) processors
- A Crypto Express7S adapter

- Java™ Database Connectivity (JDBC) data sources on IBM z/OS® or Linux on IBM Z

For additional details, see the Technical information section.

Planned availability date

September 23, 2019

Description

Data Privacy Passports:

- Extends IBM security leadership by protecting data beyond IBM Z with transparent data security capability that encompasses data-at-rest and data-in-motion states.

  As data leaves the System of Record, use the new Data Privacy Passports offering to protect sensitive personal information in the distributed copy of the data. As that copy moves throughout the enterprise, the data-centric approach allows the protection to stay with the data. This helps eliminate the possibility that someone could make copies from copies and create a larger potential for information to be exposed, either intentionally or accidentally, compared to using other techniques.

- Protects all data at the core of the enterprise and simplifies compliance in an environment of expanding regulation and requirements.

  When there is a reason to view the sensitive information, the user can come back to a data privacy passport controller that, by policy, provides a view of that data for that user. This view could be clear, redacted, or using any of a number of other obscuring techniques, depending on the policy configuration. The transaction is logged so that a complete audit record is created of who and when the data was viewed even after it leaves the system of record.

- Enables privacy in an open world with full revocation of access to the data.

  Sensitive data in the enterprise is encrypted. Access to that data can be removed, either dynamically through policy, or by deleting the encryption key. Those copies of data can now have access removed for some or all users through the data privacy passport controller. If a data set is protected and has sensitive information, revocation of access can be quickly performed.

Data Privacy Passports beta program

IBM beta programs for software enable clients to sign up for and acquire early releases of a product for the purposes of testing, before it is made commercially available. This offering in beta program:

- Is free of charge.
- Is not warranted.
- May not be used for productive purposes.

Data Privacy Passports is available through an invitation-only beta program for a limited number of qualified candidates who satisfy requirements that are listed in the Key requirements section. If interested, contact your IBM sales representative for additional details.

Participants in the beta program gain insight into IBM strategy and direction. They can:

- Build skills and develop expertise.
- They also obtain earlier benefit and payback from new function.

- Gain competitive edge, and the opportunity for public recognition as a technology leader.

Participants are encouraged to provide feedback and articulate their own requirements to IBM, with the potential to help influence the shape future IBM products.

The Data Privacy Passports beta program is focused on delivering successful early implementations of Data Privacy Passports to qualified clients worldwide. It provides early access to new privacy technologies and code.

Reference information

For information about the z15 server, see Hardware Announcement AG19-0032, dated September 12, 2019.

For information about the LinuxONE III server, see Hardware Announcement AG19-0015, dated September 12, 2019.

Program number

Program number	VRM	Program name
5737-K97	1.0.0	IBM Data Privacy Passports

Offering Information

Product information is available on the IBM Offering Information website.

More information is also available on the Passport Advantage(R) and Passport Advantage Express(R) website.

Publications

For more information see IBM Marketplace. No product documentation is available at this time.

Technical information

Specified operating environment

Hardware requirements

Data Privacy Passports requires:

- An IBM z15 server with IFL processors or an LinuxONE III server with 96 GB of memory and 128 GB of disk storage.
- A minimum of four IFL processors
- A Crypto Express7S adapter

Software requirements

Data Privacy Passports requires Java Database Connectivity (JDBC) data sources on IBM z/OS or Linux on IBM Z.

IBM Support

IBM does not provide any support for this beta offering.

Planning information

Packaging

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

Security, auditability, and control

IBM Data Privacy Passports uses the security and auditability features of the host software.

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

Terms and conditions

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any beta transaction with IBM are contained in the applicable contract documents, such as the IBM International License Agreement for Early Release of Programs.

Licensing

The IBM International License Agreement for Early Release of Programs governs your use of the program. PoEs are required for all authorized use.

License Information number

IBM does not publish License Information for beta program offerings on the IBM Software License Agreement website.

Limited warranty applies

No

Limited warranty

IBM does not offer a warranty on a beta offering.

Money-back guarantee

A money-back guarantee does not apply for a no-charge, beta offering.

Volume orders (IVO)

No

Passport Advantage applies

No

Usage restrictions

Yes

Note that in this section, the term "Program" is defined to be the Data Privacy Passports beta offering.

Modified extracts from the Program's International License Agreement for Early Release of Programs:

The client agrees to not use the Program for productive purposes.

The clients' license to the Program terminates at the end of the Test Period, and you agree to promptly discontinue use of the Program and destroy all copies of the Program within 10 days of the end of the Test Period. Clients should take precautions to avoid any loss of data that might result when the Program can no longer be used.

There is no charge for the use of the Program for the duration of the Test Period.

IBM does not provide support for the Program.

IBM does not warrant any version of the Program.

For full terms and conditions, consult the Program's International License Agreement for Early Release of Programs.

Software Subscription and Support

IBM does not offer Software Subscription and Support for a beta offering.

Variable charges apply

No

Educational allowance available

Not applicable.

Statement of good security practices

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.

Prices

There is no charge for the beta offering.

AP distribution

Country/Region	Announced
AP	
ASEAN *	Yes
India/South Asia **	Yes
Australia	Yes
Hong Kong	Yes
Macao SAR of the PRC	Yes
Mongolia	Yes
New Zealand	Yes
People's Republic of China	Yes
South Korea	Yes
Taiwan	Yes

* Brunei Darussalam, Cambodia, Indonesia, Lao People's Democratic Republic, Malaysia, Myanmar, Philippines, Singapore, Thailand, Timor-Leste, and Vietnam

** Bangladesh, Bhutan, India, Maldives, Nepal, and Sri Lanka

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Corrections

(Corrected on December 30, 2019)

Updated Publications section