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

At a glance

IBM(R) Data Privacy Passports V1.0 is designed to provide Z data protection functionality by enabling expanded coverage across the entire enterprise and is engineered to deliver these core capabilities:

- Extends data security capability that encompasses data-at-rest and data-in-motion.
- Protects structured data at the core of the enterprise and may help simplify compliance management in an environment of expanding regulation and requirements.
- Enables privacy in an open world with granular controls around data usage.

Overview

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

To help satisfy this need, IBM delivers Data Privacy Passports V1.0. IBM Z(R) takes the next step of the data protection journey on IBM z15™ and LinuxONE III servers by extending data protection. Through policy enforcement, this protection stays with the data when it moves beyond the system of record 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:

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

Key requirements

Data Privacy Passports requires:

- An IBM z15 server or an IBM LinuxONE III server
- An LPAR with either:

- Four IBM Integrated Facility for Linux(R) (IFL) processors, 128 GB of memory, and 128 GB of disk storage, or
- Eight IBM IFL processors, 256 GB of memory, and 256 GB of disk storage

- IBM Hyper Protect Virtual Servers V1.2 (5737-I09)

For additional details, see the Technical Information section.

Planned availability date

March 20, 2020

Description

Data Privacy Passports:

- Extends IBM security leadership by helping to protect data beyond the system of record with 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. Through policy enforcement, this protection stays with the data when it moves beyond the system of record and into distributed and hybrid cloud environments. 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 structured data at the core of the enterprise and may help simplify compliance management in an environment of expanding regulation and requirements.

  When there is a reason to view the sensitive information, the user can come back to Data Privacy Passports that, by policy, provides a view of that data for that user. This view could be clear, redacted, or using other obscuring techniques, depending on the policy configuration. The transaction is logged so that a data access can be tracked across the enterprise.

- Enables privacy in an open world with granular controls around data usage.

  Sensitive data in the enterprise is protected through encryption and access to this data with Data Privacy Passports can be removed, either dynamically through policy, or by deleting the encryption key.

Statement of general direction

IBM intends to deliver improved usability and provide new enforcement techniques for expanded use-case applications in a follow-on release of IBM Data Privacy Passports.

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Reference information

For additional information about Data Privacy Passports, see Software Announcement AP19-0429, dated September 12, 2019.

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

Education support

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The delivery of IBM education is provided by IBM Global Training Partners.

For more information about available education offerings, refer to the IBM Skills Gateway website.

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

Documentation for Data Privacy Passports will be available on IBM Knowledge Center.

Documentation for content solutions will be available on IBM Data Privacy Passports content solution webpage.

Technical information

Specified operating environment

Hardware requirements

Data Privacy Passports requires:

- An IBM z15 server or an IBM LinuxONE III server
- An LPAR with either:
  - Four IBM IFL processors, 128 GB of memory, and 128 GB of disk storage, or
  - Eight IBM IFL processors, 256 GB of memory, and 256 GB of disk storage

Software requirements

Data Privacy Passports requires Hyper Protect Virtual Servers V1.2 (5737-I09).

For additional information on Hyper Protect Virtual Servers V1.2, see Software Announcement AP20-0034, dated February 25, 2020.

IBM Support

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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.

Ordering information

For ordering information, consult your IBM representative or IBM Business Partner, or go to the Passport Advantage website.

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

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Passport Advantage

IBM Data Privacy Passports (5737-K97)

Program name/Description	Part number
IBM Data Privacy Passports Controller Virtual Processor Core License + SW Subscription & Support 12 Months	D27TILL
IBM Data Privacy Passports Controller Virtual Processor Core Monthly License	D27TMLL
IBM Data Privacy Passports Controller Virtual Processor Core Annual SW Subscription & Support Renewal	E0QYALL
IBM Data Privacy Passports Controller Virtual Processor Core SW Subscription & Support Reinstatement 12 Months	D27TJLL

Cross-platform product for use on IBM z Systems Integrated Facility for Linux (IFL) engines

Order the part numbers that follow when the product is intended to run on the Linux operating system on IBM Z IFL engines. If the product is not intended to run in these environments, order from the other set of part numbers in this announcement. This set of part numbers provides the identical supply and authorization as the other set in this announcement.

Program name/Description	Part number
IBM Data Privacy Passports Controller for Linux on Z Virtual Processor Core License + SW Subscription & Support 12 Months	D27TKLL
IBM Data Privacy Passports Controller for Linux on Z Virtual Processor Core Monthly License	D27TNLL
IBM Data Privacy Passports Controller for Linux on Z Virtual Processor Core Annual SW Subscription & Support Renewal	E0QYBLL
IBM Data Privacy Passports Controller for Linux on Z Virtual Processor Core SW Subscription & Support Reinstatement 12 Months	D27TLLL

Charge metric

The charge metrics for this licensed program can be found in the following License Information document:

Program identifier	License Information document title	License Information document number
5737-K97	IBM Data Privacy Passports V1.0	L-JPDY-BM5M3S

Select your language of choice and scroll down to the "Charge Metrics" section.

Processor Value Unit (PVU) sub-capacity licensing

This software product is eligible for sub-capacity licensing. Clients must obtain Proofs of Entitlement (PoEs) for the maximum processor core capacity available to an eligible sub-capacity product when deployed in an eligible virtualization environment. This is also referred to as sub-capacity or virtualization capacity licensing.

Clients must use the IBM License Metric Tool (ILMT) unless they meet the exceptions described on the ILMT website.

For information regarding PVU sub-capacity licensing, see the Passport Advantage Virtualization Capacity (Sub-capacity) Licensing website.

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License Information number

The following License Information document applies to the offering in this announcement:

Program identifier	License Information document title	License Information document number
5737-K97	IBM Data Privacy Passports V1.0	L-JPDY-BM5M3S

Follow-on releases, if any, may have updated terms. See the License Information documents website for more information.

Limited warranty applies

Yes.

Limited warranty

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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 versions, releases, and updates (CD releases, Long Term Support Releases or fixes) of the program. You will be notified, through an announcement letter, of discontinuance of support with six months' notice.

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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.

Usage restrictions

Yes.

For any usage restrictions, see the License Information document listed in this Terms and conditions section.

Software Subscription and Support applies

Yes. Software Subscription and Support, also referred to as Software Maintenance, is included with licenses purchased through Passport Advantage and Passport

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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

No.

Educational allowance available

Not applicable.

Statement of good security practices

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Prices

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Taiwan	Yes

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