



IBM InfoSphere Optim Query Capture and Replay V1.1 is designed to enable more realistic testing using production workloads

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At a glance

The InfoSphere® Optim™ Query Capture and Replay solution helps enable enterprises to perform realistic testing by providing features designed to:

- Capture real workloads needed for real-life simulation
- Replay the workload to reproduce the original application timing, order of execution, transaction boundaries, isolation levels, and other SQL and application characteristics
- Review change impact using comparison reports
- Configure for DB2® , Informix® , Netezza® , Oracle, Teradata, SQL Server, Sybase, and MySQL

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Overview

The InfoSphere Optim Query Capture and Replay solution is a new product offering that helps enterprises minimize disruption to the business by providing the ability to perform realistic workload testing during regression testing, functional testing, system testing, end-to-end transaction testing, patch release testing, component testing, performance testing, and problem diagnosis.

Realistic workload testing helps to ensure that application changes are production quality before they are moved into production.

For more information on IBM InfoSphere Optim Query Capture and Replay, visit

<http://www.ibm.com/software/data/optim/query-capture-replay/>

For more information on the IBM InfoSphere Optim family of products, visit

<http://www.ibm.com/software/data/optim/>

Key prerequisites

The InfoSphere Optim Query Capture and Replay solution consists of a modular software suite built on a hardened Linux™ kernel and deployed as a software appliance.

For additional information, refer to the [Software requirements](#) section.

Planned availability date

- July 13, 2012: Electronic software delivery
- August 10, 2012: Physical software delivery

Description

Enterprises require their production systems to deliver consistent and first-rate response times to their customers. Many testing tools help create modeled workloads that mimic production environments. While modeled approaches continue to be the primary method, there are also characteristics present in production workloads that are unknown or difficult to express using a modeled approach. Realistic testing and tuning enhances the ability of such applications to deliver high performance before these applications are moved into production.

The InfoSphere Optim Query Capture and Replay solution helps enable enterprises to perform realistic testing, providing the capability to capture production workloads and replay the workload in a test environment.

InfoSphere Optim Query Capture and Replay is useful when testing changes such as:

- Upgrades from patches, servers, databases, or applications
- Platform changes such as operating system changes, moving from one database vendor to another, and so on
- Increased workload such as additional users, increased data, or application tasks

InfoSphere Optim Query Capture and Replay is designed to provide accurate, real, and repeatable testing capabilities, helping to minimize risk in production environments and reduce time and effort involved in creating realistic tests.

Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at

http://www.ibm.com/able/product_accessibility/index.html

Program number

Program number	VRM	Program name
5725-F35	V1.1	InfoSphere Optim Query Capture and Replay

Offering Information

Product information is available via the Offering Information website

<http://www.ibm.com/common/ssi>

Also, visit the Passport Advantage® website

<http://www.ibm.com/software/passportadvantage>

Publications

All product publications are provided in softcopy format on the product CD-ROMs and DVDs.

In addition, a hardcopy License Information document is shipped with this product.

Technical information

Specified operating environment

Hardware requirements

For information on hardware requirements, refer to the [Software requirements](#) section.

Software requirements

For information on software requirements, refer to

<http://www.ibm.com/support/docview.wss?uid=swg27023777>

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

Packaging

The InfoSphere Optim Query Capture and Replay solution is delivered as software images to be deployed by customers on their own hardware, either directly or as virtual appliances.

Customers are provided with access to all the relevant media: image files, product keys, and installable agents. Customers may also order the media on a combination of CDs and DVDs. In addition, customers are provided with a Quick Start Guide, Installation Guides, License Information, and any collateral documents to support the installation and configuration of the solution.

Security, auditability, and control

InfoSphere Optim Query Capture and Replay is installed on a hardened Linux appliance. The appliance includes various security, audit, and compliance functions to enhance the availability of the solution, confidentiality of the data stored on the appliance, and accountability for any configuration changes. The customer is responsible for evaluation, selection, and implementation of security features,

administrative procedures, and appropriate controls in application systems and communication facilities.

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.

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Product group: Guardium
Product Identifier Description 5725-F35
InfoSphere Optim Query Capture and Replay

Product category: Guardium

Charge metric

PID number	Charge metric	Program name
5725-F35	Processor value Unit	InfoSphere Optim Query Capture and Replay

Processor Value Unit (PVU)

PVU is a unit of measure by which the program can be licensed. The number of PVU entitlements required is based on the processor technology (defined within the PVU table by processor value, brand, type, and model number at the website below) and the number of processors made available to the program. IBM continues to define a processor, for the purpose of PVU-based licensing, to be each processor core on a chip. A dual-core processor chip, for example, has two processor cores. The PVU table can be found at

http://www.ibm.com/software/lotus/passportadvantage/pvu_licensing_for_customers.html

Licensee can deploy the program using either full capacity licensing or virtualization capacity (sub-capacity) licensing according to the Passport Advantage Sub-Capacity Licensing Terms (refer to the web page below). If using Full Capacity

licensing, Licensee must obtain PVU entitlements sufficient to cover all activated processor cores¹ in the physical hardware environment made available to or managed by the program, except for those servers from which the program has been permanently removed. If using Virtualization Capacity licensing, Licensee must obtain entitlements sufficient to cover all activated processor cores made available to or managed by the program, as defined according to the Virtualization Capacity License Counting Rules at

http://www.ibm.com/software/lotus/passportadvantage/Counting_Software_licenses_using_specific_virtualization_technologies.html

¹ An activated processor core is a processor core that is available for use in a physical or virtual server, regardless of whether the capacity of the processor core can be or is limited through virtualization technologies, operating system commands, BIOS settings, or similar restrictions.

Notes :

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- Some programs may be licensed on a managed basis only. In that case, the following applies. Instead of the entitlements required for the program directly, licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
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Passport Advantage

InfoSphere Optim Query Capture and Replay (5725-F35)

Part number	Program name/Description
BB023EN	InfoSphere Optim Query Capture and Replay V1.1 Multipatform English Media Pack
D0NVLL	InfoSphere Optim Query Capture and Replay PVU Lic+SW S&S 12 Mo
E0DIDLL	InfoSphere Optim Query Capture and Replay PVU Annual SW S&S Rnw
D0NVXLL	InfoSphere Optim Query Capture and Replay PVU SW S&S Reinstate 12 Mo
D0Q3RLL	InfoSphere Optim Query Capture and Replay Program Install Lic+SW S&S 12 Mo
E0DBYLL	InfoSphere Optim Query Capture and Replay Program Install Annual SW S&S Rnw
D0Q3SLL	InfoSphere Optim Query Capture and Replay Program Install SW S&S Reinstate 12 Mo

Cross-platform product for use on System z® 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 System z IFL engines. If the product is not intended to run on the Linux operating system on System z IFL engines, 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.

Part number	Program name/Description
D0PXULL	InfoSphere Optim Query Capture and Replay Linux on System z PVU Lic+SW S&S 12 Mo
E0DVTLL	InfoSphere Optim Query Capture and Replay Linux on System z PVU Annual SW S&S Rnw1
D0PXVLL	InfoSphere Optim Query Capture and Replay Linux on System z PVU SW S&S Reinstate 12 Mo
D0Q44LL	InfoSphere Optim Query Capture and Replay Program Install Linux on System z Lic+SW S&S 12 Mo
E0DYHLL	InfoSphere Optim Query Capture and Replay Program Install Linux on System z Annual SW S&S Rnw1
D0Q45LL	InfoSphere Optim Query Capture and Replay Program Install Linux on System z SW S&S Reinstate 12 Mo

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This software product is eligible for sub-capacity licensing. Customers must accept the terms of the IBM International Passport Advantage Agreement Attachment for Sub-Capacity Licensing Terms (Attachment), and must obtain PVU 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.

Customers must use the IBM License Metric Tool unless they meet the exceptions described in the Attachment.

For information regarding PVU sub-capacity licensing, including terms and IBM License Metric Tool ordering information, visit

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This software license includes Software Subscription and Support (also referred to as Software Maintenance).

License Information form number

License Information number	Product
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L-TDEN-8SZJHU	InfoSphere Optim Query Capture and Replay
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The program's License Information will be available for review on the IBM Software License Agreement website

<http://www.ibm.com/software/sla/sladb.nsf>

Limited warranty applies

Yes

Limited warranty

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Volume orders (IVO)

No

Passport Advantage applies

Yes, and through the Passport Advantage website at

<http://www.ibm.com/software/passportadvantage>

Usage restrictions

Yes. For additional information, refer to the License Information document that is available on the IBM Software License Agreement website

<http://www.ibm.com/software/sla/sladb.nsf>

Software Subscription and Support applies

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System i Software Maintenance applies

No

Variable charges apply

No

Educational allowance available

Not applicable.

Statement of good security practices

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