

IBM Application Discovery and Delivery Intelligence for IBM Z 6.1 provides capabilities that can accelerate your application modernization journey and enable quantum safety

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At a glance

IBM^(R) Application Discovery and Delivery Intelligence for IBM Z^(R) 6.1 offers a new set of capabilities that can help your organization to:

- Be fast to quantum safe by quickly identifying vulnerable cryptographic calls used in COBOL applications so you can plan your quantum-safe modernization and protect against harvesting of confidential data
- Accelerate application modernization with support for JavaTM and C application analysis
- Simplify user experience to elevate developer productivity
- Lower your total cost of ownership by consolidating database solutions used by ADDI with IBM Db2^(R) LUW

Overview

Application Discovery and Delivery Intelligence for IBM Z is an analytical solution for z/OS^(R) application modernization that is designed to help developers and architects rapidly discover and analyze relationships between application components, data, and jobs to help make changes safely and efficiently. With Application Discovery and Delivery Intelligence for IBM Z, your organization can accelerate modernization and gain insights into your organization's application dependencies, data lineage, and vulnerable cryptographic calls, helping to protect your data against bad actors that are harvesting for future quantum attacks.

Version 6.1 of Application Discovery and Delivery Intelligence for IBM Z delivers:

- Crypto discovery to help your organization understand its crypto inventory by quickly identifying the cryptography used in COBOL applications, ICSF Crypto API calls (including encryption rules and other important parameters), and the calls to custom cryptographic layers
- Db2 LUW support that provides a consolidated database solution to support the full stack
- Advanced Java analysis to show the control flow of your Java application between classes and methods
- Enhanced Natural language support with Natural External Subroutine that enables your organization to analyze more complex Natural applications
- Improved user experience with a new web UI to show the impact analysis without the need of an integrated development environment (IDE)

- New batch load process that supports batch application analysis by importing scheduler information from IBM Workload Scheduler into Application Discovery and Delivery Intelligence for IBM Z
- Enhanced security implementations
- Enhanced user experience with faster project build and call graph creation

IBM Wazi Analyze is a containerized component within Application Discovery and Delivery Intelligence for IBM Z. It can help developers to discover relationships between the components of their z/OS applications and to understand the impact of potential changes. It provides a graphical visualization of COBOL, PL/I, Java, and Assembler application artifact dependencies in a web UI for COBOL, PL/I, Assembler, and C application artifact dependencies. It also provides the Java application analysis through API.

Wazi Analyze 2.0 includes the following:

- Enhanced impact analysis capability to enable developers to scan and analyze C programs, in addition to COBOL, PL/I, Java, and Assembler
- Capability to enable developers to run Wazi Analyze container on Linux^(R) on IBM Z

The new capabilities in Application Discovery and Delivery Intelligence for IBM Z 6.1 bring the following key business advantages to your organization:

- Faster time-to-market with increased productivity of development and test teams by helping them to:
 - Ensure current and accurate insights by automating synchronization between source control management (SCM) and application analysis
 - Find relevant code faster and make changes with confidence by leveraging fast local analysis with graphical visualization of relationships between application components
 - Perform root-cause analysis and optimize test execution by identifying code mapping, potential redundant tests, and low-valued tests
 - Enforce code quality, coding standards, and compliance by customizing coding rules, and perform quality checks on both internal and external teams
- Application and data modernization that can be accelerated by:
 - Modernizing z/OS applications to support hybrid cloud execution by discovering, analyzing, and preparing your assets across z/OS and distributed environments
 - Reusing existing assets for the API economy, finding API candidates in existing applications, and uncovering reuse strategies
 - Enabling transition to fully leverage open-source technology, including Git, by identifying clusters of closely related programs and copybooks for SCM modernization
 - Accelerated data modernization and integration of IBM Z into your data fabric with the combination of Application Discovery and Delivery Intelligence for IBM Z and IBM Data Virtualization Manager for z/OS
- Help with reducing business risks and enabling an agile response to business requirements through:
 - Quantum-safe protection by discovering cryptography that is used in COBOL applications
 - A COBOL compiler upgrade by understanding application dependencies and identifying inefficient code
 - Business rules discovery to efficiently discover business logic to externalize and manage in IBM Operational Decision Manager

For more information, see the [IBM Application Discovery and Delivery Intelligence](#) product page.

Key requirements

For details, see the [Software requirements](#) section.

Planned availability date

May 31, 2022

Availability within a country is subject to local legal requirements.

Accessibility by people with disabilities

Accessibility Compliance Reports (previously known as a VPAT) containing details on accessibility compliance to standards, including the Worldwide Consortium Web Content Accessibility Guidelines, European Standard EN 301 349, and US Section 508, can be found on the [IBM Accessibility Conformance Report Request](#) website.

Statement of general direction

IBM Cloud Pak^(R) for Integration intends to complement existing API capabilities provided by IBM Z with API Management capability running on Red Hat^(R) OpenShift^(R) for IBM Z and LinuxONE.

IBM Cloud Pak for Integration offers a powerful solution for deploying containerized integration capabilities as part of a Red Hat OpenShift deployment environment. While numerous integration capabilities are currently available on Red Hat OpenShift for IBM Z and LinuxONE, IBM Cloud Pak for Integration intends to include API Management capabilities as part of the solution.

When available, this will be designed to provide the capability to manage and socialize APIs. This is intended to provide a robust toolset to identify, create, and manage APIs. IBM Cloud Pak for Integration will complement IBM Application Discovery and Delivery Intelligence features to identify and analyze API candidates, along with IBM z/OS Connect capability to quickly create APIs for back-end IBM Z systems.

Statements by IBM regarding its plans, directions, and intent are subject to change or withdrawal without notice at the sole discretion of IBM. Information regarding potential future products is intended to outline general product direction and 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 IBM products remain at the sole discretion of IBM.

Reference information

For more information about Application Discovery and Delivery Intelligence, see Software Announcement [JP21-0139](#), dated March 16, 2021.

Program number

Program number	VRM	Program name
5737-B66	6.1.0	IBM Application Discovery and Delivery Intelligence for IBM Z

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](#) website.

Publications

None

Services

IBM Systems Lab Services

Systems Lab Services offers infrastructure services to help build hybrid cloud and enterprise IT solutions. From servers to storage systems and software, Systems Lab Services can help deploy the building blocks of a next-generation IT infrastructure to empower a client's business. Systems Lab Services consultants can perform infrastructure services for clients online or onsite, offering deep technical expertise, valuable tools, and successful methodologies. Systems Lab Services is designed to help clients solve business challenges, gain new skills, and apply best practices.

Systems Lab Services offers a wide range of infrastructure services for IBM Power^(R) servers, IBM Storage systems, IBM Z, and IBM LinuxONE. Systems Lab Services has a global presence and can deploy experienced consultants online or onsite around the world.

For assistance, contact Systems Lab Services at ibmsls@us.ibm.com.

To learn more, see the [IBM Systems Lab Services](#) website.

IBM Consulting

As transformation continues across every industry, businesses need a single partner to map their enterprise-wide business strategy and technology infrastructure. IBM Consulting is the business partner to help accelerate change across an organization. IBM specialists can help businesses succeed through finding collaborative ways of working that forge connections across people, technologies, and partner ecosystems. IBM Consulting brings together the business expertise and an ecosystem of technologies that help solve some of the biggest problems faced by organizations. With methods that get results faster, an integrated approach that is grounded in an open and flexible hybrid cloud architecture, and incorporating technology from IBM Research^(R) and IBM Watson^(R) AI, IBM Consulting enables businesses to lead change with confidence and deliver continuous improvement across a business and its bottom line.

For additional information, see the [IBM Consulting](#) website.

IBM Technology Support Services (TSS)

Get preventive maintenance, onsite and remote support and gain actionable insights into critical business applications and IT systems. Speed developer innovation with support for over 240 open-source packages. Leverage powerful IBM analytics and AI-enabled tools to enable client teams to manage IT problems before they become emergencies.

TSS offers extensive IT maintenance and support services that cover more than one niche of a client's environment. TSS covers products from IBM and OEMs, including

servers, storage, network, appliances, and software, to help clients ensure high availability across their data center and hybrid cloud environment.

For details on available services, see the [Technology support for hybrid cloud environments](#) website.

IBM Expert Labs

Expert Labs can help clients accelerate their projects and optimize value by leveraging their deep technical skills and knowledge. With more than 20 years of industry experience, these specialists know how to overcome the biggest challenges to deliver business results that can have an immediate impact.

Expert Labs' deep alignment with IBM product development allows for a strategic advantage as they are often the first in line to get access to new products, features, and early visibility into roadmaps. This connection with the development enables them to deliver First of a Kind implementations to address unique needs or expand a client's business with a flexible approach that works best for their organization.

For additional information, see the [IBM Expert Labs](#) website.

IBM Security^(R) Expert Labs

With extensive consultative expertise on IBM Security software solutions, Security Expert Labs helps clients and partners modernize the security of their applications, data, and workforce. With an extensive portfolio of consulting and learning services, Expert Labs provides project-based and premier support service subscriptions.

These services can help clients deploy and integrate IBM Security software, extend their team resources, and help guide and accelerate successful hybrid cloud solutions, including critical strategies such as zero trust. Remote and on-premises software deployment assistance is available for IBM Cloud Pak for Security, IBM Security QRadar^(R)/QRoC, IBM Security SOAR/Resilient^(R), IBM i2^(R), IBM Security Verify, IBM Security Guardium^(R), and IBM Security MaaS360^(R).

For more information, contact Security Expert Labs at sel@us.ibm.com.

For additional information, see the [IBM Security Expert Labs](#) website.

Technical information

Specified operating environment

Software requirements

For details, see the [Software Product Compatibility Reports](#) website.

IBM Support

[IBM Support](#) is your gateway to technical support tools and resources that are designed to help you save time and simplify support. IBM Support can help you find answers to questions, download fixes, troubleshoot, submit and track problem cases, and build skills. Learn and stay informed about the transformation of IBM Support, including new tools, new processes, and new capabilities, by going to the [IBM Support Insider](#).

Additional IBM support

IBM Client Engineering

Client Engineering is a framework for accelerating digital transformation. It helps you generate innovative ideas and equips you with the practices, technologies, and expertise to turn those ideas into business value in weeks. When you work with Client Engineering, you bring pain points into focus. You empower your team to take manageable risks, adopt leading technologies, speed up solution development,

and measure the value of everything you do. Client Engineering has experts and services to address a broad array of use cases, including capabilities for business transformation, hybrid cloud, analytics and AI, infrastructure systems, security, and more. Contact Client Engineering at sysgarage@ibm.com.

Planning information

Packaging

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

Ordering information

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

This program is available only through Passport Advantage.

These products may only be sold directly by IBM or by IBM Business Partners.

To locate IBM Business Partners in your geography, see the [Find a Business Partner](#) page.

Passport Advantage

There is no new ordering information in this release. For available part numbers, see Software Announcement [JP18-0649](#), dated November 13, 2018.

Charge metric

The charge metrics for these licensed products can be found in the following License Information document:

Program identifier	License Information document title	License Information document number
5737-B66	IBM Application Discovery and Delivery Intelligence for IBM Z	L-KEDS-C8U3RY

Select your language of choice and scroll down to the Charge Metrics section. Follow-on releases, if any, may have updated terms. See the [License Information documents](#) website for more information.

Terms and conditions

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 available only through Passport Advantage.

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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.

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Licenses under the IBM International Program License Agreement (IPLA) 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 can be extended by the purchase of a renewal option, if available. Two charges apply: a 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.

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-B66	IBM Application Discovery and Delivery Intelligence for IBM Z	L-KEDS-C8U3RY

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

Limited warranty applies

Yes

Limited warranty

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 about known program defects, defect corrections, restrictions, and bypasses at no additional charge. For further information, see the [IBM Support Guide](#).

IBM will maintain this information for at least one year after the original licensee acquires the program (warranty period).

Program technical support

Continuous delivery (CD) support

Technical support of a program product version or release will be available for a minimum of two years from the planned availability date, as long as your Subscription and Support is in effect.

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 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 12 months' notice.

If you require additional technical support from IBM, including an extension of support beyond the discontinuance date, contact your IBM representative or IBM Business Partner. This extension may be available for a fee.

For additional information about the CD support lifecycle policy, see the [IBM Continuous Delivery Support Lifecycle Policy](#) Continuous Delivery (CD) support model web page.

For additional information about the IBM Software Support Lifecycle Policies, see the [Standard and enhanced IBM software support lifecycle policies](#) website.

Money-back guarantee

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)

No

Passport Advantage applies

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

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 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.

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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 Support Guide](#). 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 Support Guide](#).

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

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

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