IBM Application Discovery and Delivery Intelligence for IBM Z, V5.1 accelerates digital transformation through business rule discovery and insightful mainframe application analysis

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At a glance

IBM® Application Discovery and Delivery Intelligence for IBM Z®, V5.1 combines IBM Application Discovery for IBM Z, V5.1 and IBM Application Delivery Intelligence for IBM Z, V5.1, enabling your organization to:

- Accelerate digital transformation by discovering business rule candidates and reusing existing assets
- Reduce risk by analyzing mainframe applications to understand the impacts of potential changes
- Improve productivity by providing new developers with the tools to quickly understand the mainframe applications that they are maintaining or transforming

Overview

Application Discovery and Delivery Intelligence for IBM Z, V5.1 helps discover business rules that are embedded in the logic of web, online, and batch mainframe applications so that they can be identified, validated, and transformed. These business rules can implement critical business decisions, but they can be difficult to find in applications that have been maintained over many years. This makes it difficult to verify the accuracy of the rules or to update them in response to business needs.

A powerful combination

IBM Application Discovery and Delivery Intelligence for IBM Z, V5.1 combines IBM Application Discovery for IBM Z, V5.1 and IBM Application Delivery Intelligence for IBM Z, V5.1.

Application Delivery Intelligence for IBM Z, V5.1 provides a rich web interface to analyze application trends and leverages Application Discovery for IBM Z, V5.1 analysis results to provide new business rule discovery capabilities:

- Leverage static code analysis to discover business terms in COBOL applications
- Identify the key variables in COBOL applications which are most likely to be business terms and associate selected variables with business terms
- Quickly discover new business terms from a list of candidates ranked based on their relationship with existing terms
• Explore business terms and associate code snippets, which are candidates for business rules, to the terms
• Export information via APIs to be used by other tools like IBM Operational Decision Manager for z/OS(R).

Application Discovery for IBM Z, V5.1 provides:

• PL/I preprocessor support to analyze PL/I applications that leverage preprocessor facilities
• PL/I analysis support for IMS/TM, configurable program aliases, external procedures, and source expansion for include statements
• Assembler analysis support for BCT (Branch on Count), BE (Branch Equal) and BNE (Branch Not Equal) instructions
• Linux(R) and Z Linux server support
• Support of Db2(R) for z/OS as its repository (Db2 Connect is a prerequisite for this feature)
• Performance and accessibility improvements
• Simplified installation and configuration
• Integration with:
  − Rational Team Concert(TM) for source code synchronization
  − IBM Z Development and Test Environment to identify the resources needed for an application and then automate the provisioning of a test environment in IBM Z Development and Test Environment using only those resources
  − z/OS Connect Enterprise Edition to understand the dependencies between an application and APIs that are defined in IBM z/OS Connect Enterprise Edition
• Extensibility support for:
  − Data abstraction layers that manage data access for COBOL or PL/I programs
  − Communication abstraction layers that route calls between COBOL or PL/I programs
  − COBOL preprocessors, which enables Application Discovery for IBM Z to map the code that is generated by the preprocessor to the original source code
  − IBM Information Management System Transaction Manager (IMS/TM) screens and IBM Information Management System Database (IMS/DB) segments as external resources

Key prerequisites

Application Discovery supports Windows(TM) and Linux operating systems.

Application Delivery Intelligence supports Windows and Linux operating systems.

For details, see the Software requirements section.

Planned availability date

November 29, 2018

Accessibility by people with disabilities

A US Section 508 Accessibility Compliance Report containing details on accessibility compliance can be found on the Product accessibility information website.

Reference information
For more information about IBM Application Discovery and Delivery Intelligence, see Software Announcement 217-231, dated May 9, 2017.

### Program number

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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(R) and Passport Advantage Express(R) website.

### Publications

Technical documentation for Application Discovery for IBM Z can be found in IBM Knowledge Center.

Technical documentation for Application Delivery Intelligence for IBM Z can be found in IBM Knowledge Center.

### Services

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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.

To learn more about IBM Software Services, contact your Lab Services Sales or Delivery Leader.

### Technical information

**Specified operating environment**

**Software requirements**

For information about hardware and software requirements for Application Discovery for IBM Z, see system requirements in IBM Knowledge Center.

For information about hardware and software requirements for Application Delivery Intelligence for IBM Z, see system requirements in IBM Knowledge Center.
Planning information

**Packaging**

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

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**Charge metric**

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

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The following License Information documents apply to the offerings in this announcement:

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Limited warranty applies

Yes

Limited warranty

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**Volume orders (IVO)**

No

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**Variable charges apply**

No

**Educational allowance available**

Not applicable.

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