



# IBM Watson Explorer V11.0.1 expands cognitive search capabilities

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## At a glance

IBM Watson™ Explorer V11.0.1 expands the key cognitive search capabilities and enables users to:

- **Search naturally** using everyday language with Natural Language Query module.
- **Improve search results without manual oversight** using unsupervised machine learning algorithms.
- **Annotate and enrich data** with domain models that can be rapidly developed on the cloud using IBM Watson Knowledge Studio.
- **Receive proactive notifications** for saved search queries whenever the underlying dataset changes.
- **Measure search performance and usage** of unified information applications with ready-to-use reports.
- **Connect to new data repositories.**

## Overview

Watson™ Explorer combines search and content analytics with unique cognitive computing capabilities to help users find and understand the contextual information they need to work more efficiently and make better, more confident decisions at the point of impact. Watson Explorer enables organizations to:

- **Explore:** Securely connect to, search, and explore all of your organization's data, regardless of format or where it is stored or managed.
- **Analyze:** Gain insights from unstructured dark data with advanced content analytics using hypothesis-free discovery.
- **Interpret:** Scale knowledge across the enterprise with leading edge cognitive capabilities.

Watson Explorer is offered in two editions:

- **Enterprise Edition:** Provides enterprise-wide information access and unified information applications capabilities across internal and external data sources and services, as well as the ability to integrate Watson Developer Cloud cognitive services for enhancing, scaling, and augmenting human expertise.
- **Advanced Edition:** Provides all of the same functionality as Watson Explorer Enterprise Edition for information access and unified information applications, as well as the ability to integrate IBM Watson Developer Cloud cognitive services for enhancing, scaling, and augmenting human expertise. In addition, Advanced

Edition includes advanced content analytics capabilities to enable organizations to adapt their information access solution to specific domains and to extract insights from unstructured information to help to identify trends, patterns, and relationships in their data.

Functionality added in Watson Explorer V11.0.1 is available for users of both editions.

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## Key prerequisites

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- Internet connection
- Browser

Refer to the [Technical information](#) section for additional information.

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## Planned availability date

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- June 23, 2016: Electronic delivery
- July 20, 2016: Physical delivery

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## Description

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Watson Explorer V11.0.1 includes the following key capabilities:

- **Natural search:** The Natural Language Query module allows users to phrase queries in everyday natural language and automatically employs stopword removal based on dictionary and parts of speech while simplifying long queries.
- **Machine learning driven results:** Unsupervised machine learning algorithms can be employed by the ontology trainer to improve the quality of search results.
- **Proactive notifications:** Administrators are able to follow changes in results for saved search queries without having to monitor results by subscribing to proactive notifications.
- **Search metrics:** Administrators can use standard reports for understanding search and usage metrics in order to improve search applications.
- **IBM Watson Knowledge Studio domain models:** Users can utilize machine learning models developed by using Watson Knowledge Studio to annotate and enrich content.
- **Connectivity :** New connectors are available for source repositories, such as IBM<sup>(R)</sup> Web Content Manager and IBM WebSphere<sup>(R)</sup> Portal Server (available on [Fix Central](#) June 30, 2016).
- **Introducing support for Red Hat Enterprise Linux<sup>TM</sup> (RHEL) 7.0, or later fix packs for foundational components, running on x86-64 systems. SUSE Linux Enterprise Server (SLES) is no longer supported on x86-64 systems and IBM z<sup>TM</sup> systems. Microsoft<sup>TM</sup> Windows<sup>TM</sup> Server 2008 R2 is no longer supported on the x86-64 platform.**

In addition, the release incorporates updates from previously issued fix packs.  
Highlights:

- Contains robust toolbox of flexible widgets that simplify creation of highly customized and streamlined user experiences.
- Includes query modification control for administrators to improve search quality results.
- Can reuse and share complex queries between users.
- Delivers extended support that includes Cloudera Distribution of Apache Hadoop for content mining.
- Includes connectors for standards-based connectors (such as IBM Content Management Interoperability Services (CMIS) and Lightweight Directory Access

Protocol (LDAP) as well as updated versions of source repositories (such as IBM FileNet<sup>(R)</sup> Content Manager).

For more details, check [Release Notes - IBM Watson Explorer Foundational and Analytical Components, Version 11.0](#) website for foundational and analytical components.

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### **Accessibility by people with disabilities**

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A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be found on the [IBM<sup>\(R\)</sup> Accessibility](#) website.

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### **Reference information**

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For additional information about Watson Explorer V11.0, refer to [215-097](#), dated July 28, 2015.

For additional information about Watson Knowledge Studio V1, refer to [216-241](#), dated June 21, 2016.

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### **Availability of national languages**

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Translation information, if available, can be found at the [Translation Reports](#) website.

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### **Program number**

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<b>Program number</b>	<b>VRM</b>	<b>Program name</b>
5725-I17	11.0.1	IBM Watson Explorer

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### **Offering Information**

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Product information is available on the [IBM Offering Information](#) website.

More information is also available on the [Passport Advantage<sup>\(R\)</sup>](#) and [Passport Advantage Express<sup>\(R\)</sup>](#) website.

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### **Publications**

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No publications are shipped with this program.

Organizations can access online documentation in [IBM Knowledge Center](#).

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### **Services**

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#### **Software Services**

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Watson Implementations 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. The services team has a wide suite of offerings to cater to your business needs. Leverage the cognitive capabilities of Natural Language Query to enhance your Watson Explorer V11.0.1.0 based solution. Watson Implementations capability is enriched 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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## Technical information

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### Specified operating environment

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#### *Hardware requirements*

#### **Watson Explorer foundational components (Enterprise Edition and Advanced Edition):**

- A 64-bit (AMD64 or Intel™ 64) x86 system with a 2 GHz, or higher processor. Two or more processor cores are required to run the Annotator Administration Console.

#### **Watson Explorer analytical components (Advanced Edition only):**

- A 64-bit (AMD64 or Intel 64) x86 system with four or more cores of 2 GHz, or higher processor
- IBM POWER7<sup>(R)</sup> or IBM POWER8<sup>(R)</sup> servers with four or more cores of 2 GHz, or higher processor
- IBM z Systems™ with four or more cores of 2 GHz, or higher processor

#### **Watson Explorer analytical components (Advanced Edition only) with Watson Knowledge Studio annotators:**

- A 64-bit (AMD64 or Intel 64) x86 system with four or more cores of 2 GHz, or higher processor

#### **Watson Explorer Content Analytics Studio (Analytics Edition only):**

- A 64-bit (AMD64 or Intel 64) x86 system with two or more cores of 2 GHz, or higher processor

#### **Server hardware recommendations for Watson Explorer application development and deployment**

This section discusses the minimum hardware and operating system requirements for a server system on which you want to develop or deploy Watson Explorer applications. Note that simply satisfying these minimum requirements will not provide the best development or deployment experience.

The suggested minimum hardware and operating system configurations for Watson Explorer development and deployment follow.

#### **Development system:**

- Single Dual-Core 2 GHz CPU
- 8 GB RAM
- 250 GB disk space
- 64-bit Linux™ or Microsoft™ Windows™ operating system

#### **Deployable Watson Explorer server:**

- Dual Quad-Core 2 GHz CPU
- 16 GB RAM
- 500 GB disk space, RAID 5
- 64-bit Linux or Microsoft Windows operating system

Note: Disk space size is for installation of the program. To build indexes, additional space for indexed data is required. RAM and disk space varies by workload.

## **Software requirements**

### **Operating system requirements**

Watson Explorer foundational components (Enterprise Edition and Advanced Edition):

- For x86-64 systems:
  - Red Hat Enterprise Linux (RHEL) 6.0, 7.0, or later fix packs
  - Microsoft Windows Server 2012 R2

Watson Explorer analytical components (Advanced Edition only):

- For x86-64 systems:
  - RHEL 6.0, 7.0, or later fix packs
  - Microsoft Windows Server 2012 R2
- For IBM Power<sup>(R)</sup> processor (Big Endian)
  - RHEL 7.0, or later fix packs
  - IBM AIX<sup>(R)</sup> V7.1
- For z Systems<sup>TM</sup>
  - RHEL 6.0, 7.0, or later fix packs

Watson Explorer analytical components (Advanced Edition only) with Watson Knowledge Studio annotators:

- For x86-64 systems:
  - RHEL 6.0, 7.0, or later fix packs

Watson Explorer Content Analytics Studio (Analytics Edition only):

- For x86-64 systems:
  - Microsoft Windows 7, 8, 8.1, or 10

### **Browser requirements**

Watson Explorer foundational components (Enterprise Edition and Advanced Edition):

Watson Explorer foundational components fully support:

- Microsoft Internet Explorer 11 and Microsoft Edge
- Mozilla Firefox 47 and 45 Extended Support Release (ESR)
- Google Chrome 51

Watson Explorer analytical components (Advanced Edition only):

- Microsoft Internet Explorer 11 and Microsoft Edge
- Mozilla Firefox 47 and 45 ESR
- Google Chrome 51

### **Web application server requirement**

Watson Explorer foundational components (Enterprise Edition and Advanced Edition):

- IBM WebSphere<sup>(R)</sup> Application Server V8.5.5 (included)

The program's system requirements can be located at the [IBM Support Portal](#) website. The program's release notes can be located at the [technotes](#) website.

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.

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## Planning information

### **Packaging**

- Enterprise Edition
  - Watson Explorer DVD
  - Quick Start Guide
- Advanced Edition
  - Watson Explorer DVD
  - Quick Start Guide

This program, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, and will be presented for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

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## Security, auditability, and control

Watson Explorer uses the security and auditability features of the host hardware or software.

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

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## Ordering information

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

Product group: Watson Technology

Product: Watson Explorer V11.0 (5725-117)

Product category: Watson Explorer

<b>Program name/Description</b>	<b>Part number</b>
IBM Watson Explorer Enterprise Edition V11.0.1 Multiplatform English EN Media Pack	BB027EN
IBM Watson Explorer Advanced Edition Version 11.0.1 Multiplatform English Media Pack	BB028EN
<b>Program name/Description</b>	<b>Part number</b>
IBM Watson Explorer Enterprise Edition V11.0.1 Multiplatform English eAssembly	CJ03LEN
IBM Watson Explorer Advanced Edition V11.0.1 Multiplatform English eAssembly	CJ03MEN

### **Passport Advantage**

Program name/Description	Part number
IBM Watson Explorer Enterprise Edition V11.0.1 Multiplatform English EN Media Pack	BB027EN
IBM Watson Explorer Advanced Edition Version 11.0.1 Multiplatform English Media Pack	BB028EN
IBM Watson Explorer Enterprise Edition V11.0.1 Multiplatform English eAssembly	CJ03LEN
IBM Watson Explorer Advanced Edition V11.0.1 Multiplatform English eAssembly	CJ03MEN
Watson Explorer Enterprise Ed RVU Lic +SW S&S 12 Mo	D12MNLL
Watson Explorer Enterprise Ed RVU Annual SW S&S Rnwl	E0IYWLL
Watson Explorer Advanced Ed RVU Lic + S&S 12 Mo	D1B07LL
Watson Explorer Advanced Ed RVU Annual Annual S&S Rnwl	E0KHJLL

### Passport Advantage customer: Media pack entitlement details

Customers with active maintenance or subscription for the products listed are entitled to receive the corresponding media pack.

Media packs description	Part number
IBM Watson Explorer Enterprise Edition V11.0.1 Multiplatform English EN Media Pack	BB027EN
IBM Watson Explorer Advanced Edition Version 11.0.1 Multiplatform English Media Pack	BB028EN
IBM Watson Explorer Enterprise Edition V11.0.1 Multiplatform English eAssembly	CJ03LEN
IBM Watson Explorer Advanced Edition V11.0.1 Multiplatform English eAssembly	CJ03MEN

### Charge metric

Program name	Part number or PID number	Charge metric
IBM Watson Explorer	5725-I17	RVU

### Install

Install is a unit of measure by which the program can be licensed. An install is an installed copy of the program on a physical or virtual disk made available to be executed on a computer. Licensee must obtain an entitlement for each install of the program.

### Resource Value Unit (RVU)

RVU is a unit of measure by which the program can be licensed. RVU Proofs of Entitlement (PoEs) are based on the number of units of a specific resource used or managed by the program. Licensee must obtain sufficient entitlements for the number of RVUs required for licensee's environment for the specific resources as specified in the program specific table. RVU entitlements are specific to the program and the type of resource and may not be exchanged, interchanged, or aggregated with RVU entitlements of another program or resource. Refer to the program specific RVU table.

Notes:

- Some programs may require licenses for the resources available to **and** the resources being managed by the program. In that case, the following applies. In addition to the entitlements required for the resources used by the program directly, licensee must obtain entitlements for this program sufficient to cover the resources managed by the program.

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

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### License Information number

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- IBM Watson Explorer V11.0.1.0 Advanced Edition (5725-I17): L-SCAO-A8WSBW
- IBM Watson Explorer V11.0.1.0 Enterprise Edition (5725-I17): L-SCAO-A8WSAL

See the [License Information documents](#) page on the IBM Software License Agreement website for more information.

### Limited warranty applies

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Yes

### Limited warranty

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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

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

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### **Money-back guarantee**

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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)**

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No

### **Passport Advantage applies**

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

### **Software Subscription and Support applies**

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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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**System i Software Maintenance applies**

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No

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**Variable charges apply**

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No

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**Educational allowance available**

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Not applicable.

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**Statement of good security practices**

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**Prices**

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**Business Partner information**

If you are an IBM Business Partner -- Distributor for Workstation Software acquiring products from IBM, you may link to Passport Advantage Online for resellers where you can obtain Business Partner pricing information. An IBM ID and password are required to access the <https://www.ibm.com/software/howtobuy/passportadvantage/paoreseller> website.

Current prices can be found on the [IBM Support Portal](#) website.

**Passport Advantage**

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