

# IBM Content Manager Enterprise Edition V8.6 brings support for IBM Cloud Object Storage, streamlined search operations, enhanced web-based administration, and improved performance

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## At a glance

IBM<sup>(R)</sup> continues to deliver ever-increasing business value with enhancements to the following products:

- IBM Content Manager Enterprise Edition V8.6
- IBM Content Manager for z/OS<sup>(R)</sup>, V8.6

Enhancements include:

- Support for IBM Cloud Object Storage, a highly scalable, secure, and economical archival storage for content
- Simplification of search operations with support for case insensitive searches
- Ease of use for administrators with enhanced web-based administration
- Improved performance with streamlined caching of item-type definition in Java<sup>TM</sup> APIs
- Support for Linux<sup>(R)</sup> clustering file system GFS2 and journaling file systems EXT4

## Overview

Content Manager Enterprise Edition is a robust, fully featured enterprise content management offering. It enables you to easily manage your growing volume of enterprise content that is required to run your business and to support your document-centric business processes on a variety of operating system platforms such as AIX<sup>(R)</sup>, Linux, Windows<sup>TM</sup>, and Linux for System z<sup>(R)</sup>. It helps serve your customers, citizens, vendors, and partners more effectively by enabling content collaboration between users internal to your organization as well as users external to your organization.

Content Manager Enterprise Edition V8.6 includes following key enhancements:

- Security-rich and economical storage on cloud or on premises. With support for IBM Cloud Object Storage, Content Manager Enterprise Edition expands the choice of storage from traditional on-premises file-system-based storage to Object Storage. IBM Cloud Object Storage provides storage that scales beyond petabytes of capacity with improved availability and security, and lower total cost

of ownership. IBM Cloud Object Storage is also available to be co-deployed on your premises along with the deployment of Content Manager Enterprise Edition, and does not require use of IBM Spectrum Protect™ (formerly known as IBM Tivoli® Storage Manager).

- Case insensitive searches and sorting. Searches help you locate documents stored in a repository based on some criteria or search term. Content Manager Enterprise Edition provides full-text indexing and search. It also provides parametric search, which is based on search terms specified on metadata [or document attribute] values. Full text searches have always been case-insensitive. However, queries with parametric searches on attributes containing text values have always been case sensitive. Similarly, after you get the search results, sorting the result set on a specific text-attribute has been case sensitive. Now the search for data and sorting of result set can be case-insensitive. Once the text attributes in an item-type definition are configured with the case-insensitive search option, the search operations and sort operations on those attributes become case insensitive in all your applications, as well as in IBM Content Navigator.
- Enhanced web-based administration. Content Manager Enterprise Edition typically requires use of desktop system administration application to administer various aspects of the software. In prior versions, a small subset of administrative tasks could be performed through a web-based interface available through a plug-in for IBM Content Navigator. Content Manager Enterprise Edition V8.6 significantly expands the set of administrative tasks that can now be performed by the web-based interface thus permitting administrators to manage instances of Content Manager Enterprise Edition or Content Manager for z/OS remotely or while they are away from their regular work environment.
- Improved caching of item-type definitions. Java APIs of Content Manager Enterprise Edition V8.6 have been enhanced and now support on-demand caching of the item-type definitions. This helps applications with improved performance and improved memory resource utilization.
- Included IBM Content Navigator. IBM Content Navigator is the unified ECM experience platform that spans mobile, web, and desktop form factors. It includes features that make it easy to create, share, manage, and collaborate on content by using ECM products, key partner solutions, and third-party content repositories. In addition to being a modern, easy-to-use experience, Content Navigator is a versatile open-standards-based platform designed for building custom ECM applications. IBM Content Navigator is available to users of both IBM Content Manager Enterprise Edition V8.6 and IBM Content Manager for z/OS, V8.6 at no extra cost.
- Support for clustering file system and journaling file system for users of Red Hat and SUSE Linux. IBM Content Manager Enterprise Edition V8.6 expands the choice of available file systems with support for EXT4 journaling file system and GFS2 clustering file system.

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## Key prerequisites

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

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## Planned availability date

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June 14, 2018

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## Description

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Content Manager Enterprise Edition is a robust fully featured enterprise content management offering. It enables you to easily and securely manage your growing volume of enterprise content that is required to run your business and to support your document centric business processes on variety of operating system platforms such as AIX, Linux, Windows, Linux for System z.

Content Manager Enterprise Edition helps serve your customers, citizens, vendors, and partners more effectively by enabling content collaboration between users internal to organization as well as users external to organization. Content Manager Enterprise Edition includes IBM Content Navigator, which is the unified ECM experience platform that spans mobile, web, and desktop form factors. Content Navigator features make it easy to create, share, manage, and collaborate on content. IBM Content Navigator offers a modern, easy-to-use experience, and it also provides a versatile open-standards-based framework for building custom ECM applications. IBM Content Navigator contains several productivity enhancing features such as integration with Office Online, cross repository search, document merge and split, HTML5 viewer for hundreds of mime-types, and enterprise search with analytics. Edit service allows users to create and edit files using desktop applications with auto-launch, auto-save, and auto-check in features. In addition, IBM Navigator mobile, available for iOS and Android, provides mobile experience to users to access content in IBM Content Manager Enterprise Edition on the go. IBM Content Navigator is available to users of both IBM Content Manager Enterprise Edition V8.6 and IBM Content Manager for z/OS, V8.6 at no extra cost.

Content Manager Enterprise Edition v 8.6 includes following key enhancements:

- Secure and economical storage on cloud or on-premises. With support for IBM Cloud Object Storage, Content Manager Enterprise Edition expands the choice of storage from traditional on-premises file-system based storage to Object Storage. IBM Cloud Object Storage provides storage that scales beyond petabytes of capacity with improved availability, security, and lower total cost of ownership. IBM Cloud Object Storage is also available to be co-deployed on your premises along with the deployment of Content Manager Enterprise Edition, and does not require use of IBM Spectrum Protect (formerly known as IBM Tivoli Storage Manager). IBM Content Manager Enterprise Edition V 8.6 integrates directly with IBM Cloud Object Storage using S3 interface.
- Case insensitive searches and sorting. Searches help you locate documents based on some criteria or search term. Users can now easily perform case insensitive searches in IBM Content Navigator or in any of their custom applications without changing any code. Text attribute definitions can now be set with case insensitive search setting.
- Enhanced web-based administration. In addition to using the system administration client application, administrators can also use IBM Content Navigator to perform many of the tasks for administering IBM Content Manager Enterprise Edition or IBM Content Manager for z/OS. IBM Content Navigator, when configured with included IBM Content Manager plug-in, provides convenient and easy web-based interface for administering IBM Content Manager Enterprise Edition or IBM Content Manager for z/OS. IBM Content Manager plug-in for IBM Content Navigator has been significantly enhanced. Administrators can use IBM Content Navigator to perform an expanded set of activities, such as defining or editing item-type definitions, setting up user's authentication and authorizations, importing users and group definitions from enterprise LDAP directory server, and so on.
- Improved performance for Java applications. Java APIs of Content Manager Enterprise Edition V8.6 have been enhanced and now support on-demand caching of item-type definitions. This helps applications specially those using lots of items types. Such applications would potentially see improved performance and reduced memory consumption.
- Expanded Linux file system choices. Users deploying Content Manager Enterprise Edition on Linux systems now get added flexibility of using EXT 4 journaling file system or GFS2 clustering file system.

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

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

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## **Statement of general direction**

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## Deprecation and removal of function

IBM Content Manager Enterprise Edition V8.6 does not support Sun Solaris operating system.

IBM Content Navigator V3.0.3 Interim Fix 3 packaged with IBM Content Manager Enterprise Edition V8.6 as well as subsequent releases of IBM Content Navigator do not support applet-based viewer. As various vendors of web browsers have dropped support for applets for security reasons, we recommend use of HTML5-based viewer available in IBM Content Navigator.

IBM Content Manager Enterprise Edition V8.6 and IBM Content Manager for z/OS, V8.6 do not include C++ APIs. Java APIs are more widely used and offer comprehensive programmatic interfaces. Apart from Java APIs, users developing custom applications also have a choice of using WebServices interface and CMIS APIs.

IBM Content Manager Enterprise Edition V8.6 does not include MS-Tech viewer that was previously available with Java Viewer Toolkit. IBM Content Navigator supports viewing of documents for various MIME types. Users who need to use specific viewer for their applications using Java Viewer Toolkit will need to source such viewer directly. Snowbound engine in the Java viewer tool kit is provided which handles all of the formats MS-Tech viewer handled.

IBM Content Manager Enterprise Edition V8.6 does not include integration code for IBM Case Foundation and IBM Case Manager. IBM Case Manager now offers much simplified CMIS-based integration with repositories which does not require integration code that was previously needed.

**Note:** Event notification framework and Event Monitor of IBM Content Manager Enterprise Edition remain core capability of the IBM Content Manager and continue to be supported.

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## Program number

Program number	VRM	Program name
5724-B19	8.6.0	IBM Content Manager Enterprise Edition

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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<sup>\(R\)</sup> and Passport Advantage Express<sup>\(R\)</sup>](#) website.

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## Publications

Technical documentation can be found in [IBM Knowledge Center](#).

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## Services

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### **Global Technology Services**

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Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings for the efficient installation, implementation, or integration of this product.

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## Technical information

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### **Specified operating environment**

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#### ***Software requirements***

For Content Manager Enterprise Edition software requirements, see [System requirements](#).

### **Planning information**

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#### ***Packaging***

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

This program, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, which 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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## Ordering information

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

Product: IBM Content Manager Enterprise Edition (5724-B19)

No new part numbers.

### **Charge metric**

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The charge metrics that apply to this offering have not changed. For information about charge metrics, see Software Announcement [ZP13-0673](#), dated October 29, 2013.

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### **License Information number**

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L-RNRO-AL5JY9

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### **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 of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.

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

### **Program technical support**

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For additional information about the IBM Software Support Lifecycle Policy, see the [IBM Software Support Lifecycle Policy](#) website.

### **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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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**

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No

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### **Educational allowance available**

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Education allowance does not apply. Education software allowance does not apply. Special education prices are available for qualified clients through Passport Advantage.

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### **Statement of good security practices**

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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.

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### **Prices**

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For all local charges, contact your IBM representative.

#### **Passport Advantage**

For Passport Advantage information and charges, contact your IBM representative. Additional information is also available on the [Passport Advantage and Passport Advantage Express](#) website.

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### **Announcement countries**

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All European, Middle Eastern, and African countries, except Islamic Republic of Iran, Sudan, and Syrian Arab Republic.

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## Corrections

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**(Corrected on June 20, 2018)**

Revised Publications section.