IBM FileNet Content Manager V5.2.1 and IBM Content Foundation V5.2.1 improve the user experience, consumability, and integration with other IBM offerings

Table of contents

At a glance

IBM® FileNet® Content Manager V5.2.1 and IBM Content Foundation V5.2.1 deliver new capabilities in the following areas:

- Enhanced user experience
- Ability to install patch or fix pack without application down time
- Multitenancy support
- Storage replication for disaster recovery and distributed cloud deployments
- Report generation enablement
- Enhanced administration
- Enhanced consumability
- New storage connectors

Overview

New features in FileNet Content Manager V5.2.1 and IBM Content Foundation V5.2.1

Enhanced user experience

IBM Content Navigator is the unified IBM Enterprise Content Management (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 using IBM ECM products, key partner solutions, and even third party content repositories. IBM Content Navigator is not just a modern, easy to use experience, it is also an open, standards based, platform to build custom ECM applications - it is the most effective way for partners and clients to simplify and accelerate development of custom user experiences on mobile, web and desktop. Best of all, IBM Content Navigator is included in many ECM products, including IBM FileNet Content Manager, IBM Content Foundation, IBM Content Manager OnDemand, IBM Content Manager Enterprise Edition, IBM Connections Enterprise Content Edition, IBM FileNet Image Manager Active Edition, IBM FileNet Image Services, IBM Production Imaging Edition, and others, at no additional charge.

- IBM Content Navigator V2.0.3 is included as a non-chargeable, bundled component of FileNet Content Manager V5.2.1 and IBM Content Foundation V5.2.1. (It is also included as a non-chargeable, bundled component with

Content Manager Enterprise Edition, Content Manager OnDemand, and FileNet Image Services.) In addition to supporting the core Enterprise Content Management (ECM) platforms, Content Navigator has now been extended into IBM Content Analytics, IBM Datacap, IBM Content Collector (ICC) for SAP, IBM Enterprise Records, and Case Manager.

- The new release of Content Navigator continues to offer a collaborative and mobile content experience that drives better intelligence and control throughout the organization. It can transform the way organizations do business by putting content in motion for optimal value throughout its lifecycle. Content Navigator delivers a unified experience for the ECM portfolio that can be used across desktop, web, and mobile for both out-of-the-box and custom content applications.
- This latest release of Content Navigator includes these improvements:
  - Desktop synchronization with ECM systems
  - Auto-locate of checked-out documents and support for round-trip content editing across IBM Content Navigator applications
  - Creation and management of entry templates with integrated data layout editor
  - HTML5-based viewing and annotating of content via (the bundled) IBM Daeja ViewONE Virtual viewer
  - Enablement of browse, search, and work features for portal environments with focus on Microsoft™ SharePoint web parts
  - Ad hoc copy of content from IBM ECM to SharePoint libraries
  - Enhanced lifecycle management of teamspaces including repurposing of key content
  - Promotion and discovery of documents using Likes and categorization of documents using Tags
- Content Navigator V2.0.3 continues to expand the function and level of ECM portfolio integration. This release introduces support for the following:
  - Content Analytics V3.5, Datacap V9.0
  - IBM Content Collector for SAP V9.0
  - Enterprise Records V5.2.0
  - Case Manager V5.2.1
  - Technology preview of Content Management Interoperability Services (CMIS) V1.1 for Content Platform Engine

  In addition to supporting IBM ECM applications, Content Navigator now supports cross-repository searches that include CMIS-compliant repositories.

Ability to install patch or fix pack without application downtime

Clients requiring 24x7 operations can apply fix packs without planned downtime

Multitenancy support

You can host multiple P8 domains in a single CPE server farm. Each tenant domain can be completely isolated from other tenant domains. This function is especially useful for cloud-based ECM providers with multiple tenants. It can be beneficial in some on-premise use cases as well.

Storage replication for disaster recovery and distributed cloud deployments

On-premise and cloud deployments can replicate content to drastically reduce disaster recovery times.

Report generation enablement

You can build and deliver reports across content applications for IT, business users, and applications.

Enhanced administration

Administrators and operations teams can optimize many regular or long-running tasks by automating and scheduling them as custom sweep jobs.

Enhanced consumability

- Bulk sweep capability helps speed and simplify system maintenance.
- Optimized content access is available in distributed environments.

Storage connectors

Combining support for the latest storage devices and cloud storage with existing content migration capabilities delivers unparalleled flexibility to manage repositories over time. Storage connectors include the following:

- IBM FileNet P8 Cloud Storage Connector to OpenStack-enabled devices
- IBM FileNet P8 Connector to EMC Atmos
- IBM FileNet P8 Connector to EMC Isilon
- IBM FileNet P8 Connector to Hitachi Content Platform

IBM FileNet Content Manager V5.2.1 now included in IBM Image Manager Active Edition

Image Manager Active Edition now includes FileNet Content Manager V5.2.1 and IBM Image Services V4.2. With FileNet Image Manager Active Edition V5.2.1 you can continue to use the proven Image Services repository and Panagon applications to expand to powerful P8-based applications or to use both for maximum business value.

Key prerequisites

For details, refer to the Technical information section.

Planned availability date

- October 31, 2014 (electronic software delivery)
- November 26, 2014 (media and documentation)

Description

New features in FileNet Content Manager V5.2.1 and IBM Content Foundation V5.2.1

Enhanced user experience

Content Navigator V2.0.3 includes the following enhancements to the Content Navigator user experience:

- Desktop synchronization with ECM systems; users can synchronize content between multiple devices to ensure that they have access to the most up-to-date content.
- Auto-locate checked-out documents and support for round-trip content editing across Content Navigator applications. When users update content, Content Navigator automatically knows where the most current content is, so that they can still use multiple devices to edit or access their work.
- Creating and managing entry templates with integrated data layout editor helps to ensure that users can add the pertinent metadata to documents. It enables external data lookups and data validation so that the metadata fields values are kept consistent.

- HTML5-based viewing and annotating of content via (the bundled) IBM Daeja ViewONE Virtual viewer gives users a web-based viewer that requires no application installation to view and annotate ECM content.
- Browse, search, and work features for portal environments with focus on SharePoint web parts address the seamless integration of IBM ECM content and functions within a SharePoint or web portal environment.
- Ad hoc copy of content from FileNet Content Manager and IBM Content Foundation to SharePoint libraries enables users to easily move FileNet Content Manager and Content Foundation into web and collaboration tools such as SharePoint.
- Enhanced lifecycle management of Teamspaces includes the repurposing of key content to ensure that content doesn't end up in a digital landfill.
- Rapid discovery and categorization of content via natural language locators such as Likes and Tags. This contextual view of content helps users quickly obtain bidirectional feedback on content, greatly improving the appropriate accessibility to content, and more importantly, its relevance.

In addition to supporting IBM Core ECM repositories, this release of Content Navigator supports collaboration tools such as IBM Connections 5.0 and Microsoft SharePoint as well as any CMIS-compliant content repository.

Ability to install patch or fix pack without application downtime

Clients with highly available configurations requiring 24x7 operations can now apply fix packs without planned downtime:

- No planned outages are required to apply software fix packs or software patches.
- Maintenance related to fix pack and patch installation can be performed with zero downtime for clients with multiserver farm configurations.
- Individual servers can be updated and then brought back into a cluster without interrupting application service to end users. These updates can by done on a per-server basis, thereby removing the need to take down the entire cluster.
- Increased application availability improves the productivity of all end users.
- This benefit applies to traditional on-premise deployment and also to cloud deployments in which FileNet Content Manager is the content repository.

Multitenancy support

- Documents and metadata can be partitioned within a single FileNet P8 domain.
- Multiple LDAP directories can be used to segregate users between tenants.
- A master domain exists for use by a provider who can create and manage multiple tenant domains.
- Tenants in different domains cannot see any of the users (or their data) belonging to other tenants located in other domains. Many object stores can be contained within a single FileNet Content Manager tenant domain and many tenant domains can be contained within a master domain.
- The scalability model employed allows for many tenants to run on a single managed system. Even though the managed system may involve multiple physical servers, the potential for cost savings in system administration is substantial.
- This function is especially useful for at cloud-based ECM providers with multiple tenants. It may be beneficial in some on-premise use cases as well.

Storage replication for disaster recovery and distributed cloud deployments

On-premise and cloud deployments can replicate content to drastically reduce disaster recovery times:

- The context of these storage replication capabilities is any or all of the file stores and fixed storage devices that hold data that is checked in to a FileNet repository.
- As users add content to the system, it can be automatically and simultaneously written (replicated) to multiple storage areas.

- Storage replication can span multiple storage areas that may be geographically dispersed for improved business continuity outcomes in the event of a local outage caused by an event such as an earthquake.
- This should achieve substantial cost reduction for disaster recovery scenarios in which all locally stored data would otherwise be lost, but now can be recovered quickly from one or more remote geographic sites that have not been similarly compromised.

Report generation enablement

You can build and deliver reports across content applications for IT, business users, and applications:

- Tooling within FileNet Content Manager enables administrators to set up and schedule data extraction from the running FileNet Content Manager system to external tables. Third-party reporting tools can quickly and easily import the data from these tables and then the administrators can create custom reports using these third-party reporting tools.
- Extraction of the data to these reporting tables can be scheduled by administrators if they want regular daily or weekly extractions.
- Reports can be configured to store their output in a comma separated values (CSV) document, which is stored in the object store that the report is run against.

Enhanced administration

Administrators and operations teams can optimize many regular or long-running tasks by automating and scheduling them as custom sweep jobs.

In FileNet Content Manager V5.2.1 and Content Foundation V5.2.1, developers can access ACCE in a view-only mode. They can gain visibility into the objects, classes (properties, symbolic name, and on) that they are developing, while at the same time not being permitted to perform or change administrative functions provided by ACCE. This helps to speed and simplify the development process when you are using a shared development environment.

Enhanced consumability

Bulk sweep capability speeds and simplifies system maintenance:

- Administrators need to be able to make updates to security and file properties from the ACCE administrative tool. The bulk sweep capabilities previously delivered by FileNet Enterprise Manager (FEM) are now included within ACCE.
- This removes the need for administrators to develop and execute batch jobs, enabling them to utilize the preexisting sweep framework and automate the execution of custom actions through ACCE.

Optimized content access in distributed environments:

- Clients who have single P8 domains that are spread across more than one geographic location (multisite configurations) can experience non-optimal bandwidth and performance with respect to the file storage. These issues are the result of the previous method of mounting file systems across a WAN.
- The physical files are moved across the distributed network using a much more efficient protocol.

Storage connectors

Note: P8 Storage Connectors are separately licensed. Entitlement to use them requires the acceptance of the associated connector license and the payment of the associated license fees.

Combining support for the latest storage devices and cloud storage with existing content migration capabilities provides unparalleled flexibility to manage repositories over time:

- FileNet P8 Cloud Storage Connector to OpenStack-enabled devices:
  - When licensees of FileNet Content Manager V5.2.1 or Content Foundation V5.2.1 also purchase a license for the FileNet P8 Cloud Storage Connector to OpenStack-enabled devices, they can store content on those supported devices from FileNet Content Manager V5.2.1 or Content Foundation V5.2.1. These licensees gain access to storage in the cloud via the OpenStack Swift API.
  - OpenStack is a free and open-source software cloud computing platform primarily deployed as an infrastructure as a service (IaaS) solution.
  - This connector delivers connectivity to the IBM SoftLayer object storage platform but also to any client or third-party storage subsystem built on the OpenStack Swift API standard. It is built on the Advanced Storage Area interface, which is also new in this release. This new interface is designed to support the specific conditions of storing and retrieving content to and from cloud object storage systems over the Internet and to use the new replication capabilities of FileNet Content Manager V5.2.1.
- IBM FileNet P8 Connector to EMC Atmos

  - When licensees of FileNet Content Manager V5.2.1 or Content Foundation V5.2.1 also purchase a license for the IBM FileNet P8 Connector to EMC Atmos, they are can store content on EMC Atmos devices from FileNet Content Manager V5.2.1 or Content Foundation V5.2.1.
  - EMC Atmos is an object-based, cloud storage platform to store and retrieve unstructured content that also offers basic retention capabilities.

    -- This connector is built on the FileNet Content Manager Fixed Storage Area interface that is designed to handle retention capabilities of protected storage devices. It communicates with the Atmos system using the Atmos RESTful APIs.

  For more information on EMC Atmos capabilities, refer to the EMC product information at

  http://www.emc.com/storage/atmos/atmos.htm
- IBM FileNet P8 Connector to EMC Isilon

  - When licensees of FileNet Content Manager V5.2.1 or Content Foundation V5.2.1 also purchase a license for the IBM FileNet P8 Connector to EMC Isilon, they can store content on EMC Atmos devices from FileNet Content Manager V5.2.1 or Content Foundation V5.2.1. Isilon is EMC's scale-out NAS storage offering that, in combination with EMC SmartLock software, delivers advanced retention management capabilities of the type required by SEC 17a-4 legislation.
  - This connector is built on the FileNet Content Manager Fixed Storage Area interface that is designed to control retention capabilities of protected storage devices. It communicates with the Isilon system using the Isilon RESTful (RAN) APIs for data access.

  For more information on EMC Isilon capabilities, refer to EMC product information at

  http://www.emc.com/storage/isilon/isilon.htm
- IBM FileNet P8 Connector to Hitachi Content Platform

  - This connector adds native support for the Hitachi Content Platform Version 3.x as a Content Manager fixed content device.
  - This includes support for HCP WORM, retention, and data shredding features.

  For more information on Hitachi Content Platform capabilities, refer to Hitachi product information at

  http://www.hds.com/products/file-and-content/content-platform/

FileNet Content Manager V5.2.1 now included in IBM Image Manager Active Edition

Image Manager Active Edition V5.2.1 enables FileNet Image Services clients to continue using existing Panagon applications, while adding P8-based applications to their end users. If you are moving to an all P8 environment, you can trade up your Image Services licenses to FileNet Content Manager. In both cases, you can use the P8 environment for additional advanced capabilities such as IBM Case Management and IBM Production Imaging Edition.

Use case support unique to FileNet Content Manager

Content Foundation offers many of the core capabilities of FileNet CM. However, the following components that are included with FileNet Content Manager are not included with Content Foundation:

- Workplace
- Workplace XT
- FileNet Integration for Microsoft Office
- SharePoint web parts
- IBM Content Analytics Enterprise search
- Webapp Toolkit
- Application Engine

The absence of those components in Content Foundation results in the following set of use cases that are supported by FileNet Content Manager, but are not supported by Content Foundation:

- Engineering drawing management
- Forms processing
- IBM Content Analytics Enterprise search

These use cases are explained in greater detail as follows:

- Engineering drawing management:
  - Some knowledge workers deal with engineering drawings or complex multipart documents (also known as compound documents) in their daily jobs. These users need to be able to manage multiple interrelated documents on different authoring cycles throughout the duration of an entire project.
  - Partner solutions can use a rich object model including folder specialization, links between documents, multilevel parent and child relationships with enforced integrity, and more.
  - The absence of WorkPlace and WorkPlace XT in Content Foundation prevents the creation of compound documents by Content Foundation. If you have this unique requirement, you need to purchase FileNet Content Manager. Despite not being able to create compound documents, Content Navigator 2.0.3 enables users to explore and view compound documents.
- Forms processing:
  - Many users commonly need to fill in and view detailed business forms in their daily jobs, where use of electronic versions of these paper forms can improve efficiency. These electronic forms must be stored and their change history must be maintained. In some cases, electronic forms need to be signed electronically.
  - FileNet eForms or IBM Forms can produce high-fidelity electronic forms that can be managed by FileNet Content Manager. These forms can be used to generate documents or as user interface for launching processes.
  - Forms can be highly interactive and guide the user to correct data entry. These users gain the benefit of processing forms more efficiently, and their companies save money. Companies can also improve the environment by reducing the need for paper-based forms.

Note: FileNet eForms and IBM Forms require separate licensing. When licensed, this important use case is supported through their integration with FileNet Content Manager, but it is not supported with Content Foundation.

- **Enterprise search with content analytics:**

  Sometimes users need to search for documents when they do not know where the content resides or the exact criteria needed to find it. They need an intuitive search experience such as the one provided by IBM Content Analytics text search.

  Content Analytics search enables users to start with simple key words and then refine those search results with "facets" derived from properties and document content. These facets provide an intuitive, guided search experience.

  With this advanced type of search function, using IBM's content analytics capabilities, business users can be more effective in locating valuable content regardless of its location or classification.

  Content Analytics text search is offered as a component of Content Navigator within FileNet Content Manager. It is not included in the version of Content Navigator that comes bundled with IBM Content Foundation.

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

Statement of general direction

Feature deprecation and removal announcements

Feature deprecation announcements:

- This section includes the formal deprecation announcement of several components of FileNet Content Manager.
- This deprecation announcement does not mean that these components have been removed from FileNet Content Manager in the 5.2.1 release.
- This deprecation announcement does, however, alert you that these components may be removed from FileNet Content Manager in the future.

WorkPlace and WorkPlace XT

- The P8 Application Engine (AE) includes Workplace and Workplace XT, both of which are full-featured web applications suitable for end user use for general document management tasks.
- IBM Content Navigator (IBM Content Navigator) is the strategic user experience platform for IBM ECM's portfolio going forward. Over time, IBM Content Navigator will become a functional replacement for WorkPlace and WorkPlace XT.
- Customers are advised to use IBM Content Navigator's custom application development capabilities for new customizations going forward, and to begin migrating WorkPlace-based customizations over to IBM Content Navigator as the comparable functions become available in IBM Content Navigator.

FileNet Integration for Microsoft Office (FIMO)

- Once known as Application Integration BCS, FIMO is a component of WorkPlace XT that enables FileNet Content Manager's content management functions to be accessed from within Microsoft Office (Excel, PowerPoint, Word and Outlook) applications. For within each of those applications, FileNet Content Manager users can access the FileNet Content Manager repository to search for content,

open, edit content and properties and initiate a "document review and approve" process.

- This functionality is now available through IBM Content Navigator. Customers are advised to use IBM Content Navigator's integration capabilities for Microsoft Office products going forward.

SharePoint web parts

With SharePoint web parts, users can perform various content management functions on content held in FileNet Content Manager from within the SharePoint user interface. These functions include:

- Direct access to content in FileNet Content Manager
- The ability to view, browse, and search content stored in FileNet Content Manager
- Check in and check out content in FileNet Content Manager from SharePoint
- Edit properties in FileNet Content Manager from SharePoint
- IBM Content Navigator V2.0.3 integration now provides SharePoint and Portal users the ability to view, browse, and check in and check out content (from FileNet Content Manager, IBM Content Foundation and CMIS-compliant repositories) directly through the SharePoint. With this new level of integration provided by IBM Content Navigator V2.0.3, current users the IBM SharePoint Web Parts should begin migrating their integration into IBM Content Navigator

HP-UX

The deprecation announcement in V5.2.1 includes the deprecation of the HP-UX operating system. As with other deprecation announcements, this does not mean V5.2.1 is not available on HP-UX. The deprecation announcement cautions licensees that future releases of FileNet Content Manager may no longer run on HP-UX.

JBoss

- The deprecation announcement in V5.2.1 includes the deprecation of the JBoss Application Server.
- As with other deprecation announcements, this does not mean that JBoss is not available in V5.2.1. The deprecation announcement cautions licensees that future releases of FileNet Content Manager may no longer support Boss.
- JBoss will continue to be supported as per IBM's software lifecycle policies, which will apply to licensees who were licensed to use JBoss in prior versions of FileNet Content Manager or IBM Content Foundation.

JDBC provider

IBM is announcing the deprecation of the JDBC provider. The JDBC provider has been used in the past to support report generation within IBM Enterprise Records using Crystal reports. The report generation function within IBM Enterprise Records is moving to Cognos®, and therefore will not require the JDBC provider for use with Crystal Reports.

FileNet Enterprise Manager (FEM)

A deprecation announcement is being made for FileNet Enterprise Manager. Refer to the following section.

Feature removal announcements:

FileNet Enterprise Manager (FEM)

The functional capabilities of FileNet Enterprise Manager are being removed from FileNet Content Manager V5.2.1 and IBM Content Foundation V5.2.1. The replacement solution is Administration Console for Content Platform Engine (ACCE). Licensees using FileNet Enterprise Manager from previous releases of FileNet

Content Manager and/or IBM Content Foundation must migrate from FileNet Enterprise Manager to Administration Console for Content Platform Engine (ACCE).

IBM's statements regarding its plans, directions, and intent are subject to change or withdrawal without notice at IBM's sole discretion. Information regarding potential future products is intended to outline our general product direction and it 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 our products remain at our sole discretion.

Program number

Program number	VRM	Program name
5724-R81	5.2.1	IBM FileNet Content Manager
5725-L50	5.2.1	IBM Content Foundation
5724-R94	5.2.1	IBM FileNet Image Manager Active Edition
5724-S20	5.2.1	IBM FileNet IS Storage Connector

Education support

IBM training provides education to support many IBM offerings. Descriptions of courses for IT professionals and managers are on the IBM training website

http://www.ibm.com/services/learning/

Contact your IBM representative for course information.

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

No publications are shipped with these products.

The IBM Publications Center

http://www.ibm.com/shop/publications/order

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. A large number of publications are available online in various file formats, and they can all be downloaded.

Technical information

Specified operating environment

Hardware requirements

FileNet Services V1.1 for Lotus® Quickr® is a component of FileNet Content Manager V5.2 (5724-R81). For detailed hardware requirements for FileNet Services for Lotus Quickr V1.1, refer to

  http://www.ibm.com/support/docview.wss?uid=swg27013654

Content Manager Services V1.1 for Lotus Quickr is a component of Content Manager Enterprise Edition (5724-B19). For detailed hardware requirements, refer to

  http://www.ibm.com/support/docview.wss?uid=swg27015723

For detailed hardware requirements for IBM Content Foundation V5.2.1 (5725-L50), refer to

  http://www.ibm.com/support/docview.wss?uid=swg27038265

Software requirements

For detailed software requirements for IBM FileNet Content Manager V5.2.1, refer to

  http://www-947.ibm.com/support/entry/portal/Overview/Software/
  Enterprise_Content_Manage ment/FileNet_Product_Family/
  FileNet_Content_Manager

For detailed software requirements for IBM Content Foundation V5.2.1 (5725-L50), refer to

  http://www.ibm.com/support/docview.wss?uid=swg27038265

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

Packaging for these products consist of one DVD. 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.

Security, auditability, and control

IBM FileNet Content Manager V5.2.1 and IBM Content Foundation V5.2.1 use the security and auditability features of the host software. The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Ordering information

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

These products may only be sold directly by IBM or by authorized IBM Business Partners for Software Value Plus.

For more information about IBM Software Value Plus, visit

   http://www.ibm.com/partnerworld/page/svp_authorized_portfolio

To locate IBM Business Partners for Software Value Plus in your geography for a specific Software Value Plus portfolio, visit

   http://www.ibm.com/partnerworld/wps/bplocator/

```
Product group: IBM Enterprise Content Management
  Product Identifier Description (PID)

  IBM FileNet Content Manager V5.2.1    (5724-R81)
  IBM Content Foundation V5.2.1    (5725-L50)
  IBM FileNet Image Manager Active Edition V5.2.1    (5724-R94)
  IBM FileNet IS Storage Connector    (5724-S20)

Product category: FileNet Content Manager
```

Passport Advantage

Media pack part number BQ042ML is the only new part number being announced in this release of IBM FileNet Content Manager V5.2.1. Media pack part number BQ043ML is the only new part number being announced in this release of IBM Content Foundation V5.2.1. And media pack part number BQ044ML is the only new part number being announced in this release of IBM FileNet Image Manager Active Edition V5.2.1. All other ordering part numbers have not changed and are the same as what was previously announced in the following announcements:

   IBM FileNet Content Manager V5.2, Software Announcement AP13-0052, dated March 12, 2013.
   IBM Content Foundation V5.2, Software Announcement AP13-0256, dated June 11, 2013.
   IBM FileNet Image Manager Active Edition V5.2 updates, Software Announcement AP14-0048, dated January 7, 2014.

IBM FileNet P8 Storage Connectors

```
                                                         Part
Program name/Description                                 number

FN P8 Connector to Hitachi Content Platform RVU Lic + SW  D1B6CLL
S&S 12 Mo
FN P8 Connector to Hitachi Content Platform RVU Annual SW E0KJMLL
S&S Rnwl
FN P8 Connector to Hitachi Content Platform RVU SW S&S    D1B6DLL
Reinstate 12 Mo
FNP8 Cloud Storage Connector to OD RVU Lic + SW S&S 12 Mo D1B6ELL
FNP8 Cloud Storage Connector to OD RVU Annual SW S&S Rnwl E0KJNLL
FNP8 Cloud Storage Connector to OD RVU SW S&S Reinstate   D1B6FLL
12 Mo
IBM FileNet P8 Connector to EMC Atmos RVU Lic + SW S&S    D1B6GLL
12 Mo
IBM FileNet P8 Connector to EMC Atmos RVU Annual SW S&S   E0KJPLL
Rnwl
IBM FileNet P8 Connector to EMC Atmos RVU SW S&S          D1B6HLL
Reinstate 12 Mo
IBM FileNet P8 Connector to EMC Isilon RVU Lic + SW S&S   D1B6ILL
```

```
12 Mo
IBM FileNet P8 Connector to EMC Isilon RVU Annual SW S&S    E0KJQLL
Rnwl
IBM FileNet P8 Connector to EMC Isilon RVU SW S&S          D1B6JLL
Reinstate 12 Mo
```

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.

IBM FileNet Content Manager V5.2.1

```
Media packs
description                                      Part number

IBM FileNet Content Manager V5.2.1 Multiplatform  BQ042ML
Multilingual Media Pack
```

IBM Content Foundation V5.2.1

```
Media packs
description                                      Part number

IBM Content Foundation V5.2.1 Multiplatform       BQ043ML
Multilingual Media Pack
```

IBM FileNet Image Manager Active Edition V5.2.1

```
Media packs
description                                      Part number

IBM FileNet Image Manager Active Edition V5.2.1   BQ044ML
Multiplatform Multilingual Media Pack
```

Charge metric

```
Program name     PID number        Charge metric

IBM FileNet      5724-R81          User Value Unit
Content Manager

IBM Content      5725-L50          User Value Unit
Foundation

IBM Content      5725-L50          Server
Foundation

IBM FileNet      5724-R94          User Value Unit
Image Manager
Active Edition

IBM FileNet      5724-S20          Resource Value Unit
IS Storage
Connector
```

User Value Unit (UVU)

UVU is a unit of measure by which the program can be licensed. UVU Proofs of Entitlement are based on the number and type of users for the given program. Licensee must obtain sufficient entitlements for the number of UVUs required for licensee's environment as specified in the program specific table. The UVU entitlements are specific to the program and type of user and may not be

exchanged, interchanged, or aggregated with UVU entitlements of another program or type of user. Refer to the program specific-UVU table.

Server

Server is a unit of measure by which the program can be licensed. A server is a physical computer that is comprised of processing units, memory, and input/output capabilities and that executes requested procedures, commands, or applications for one or more users or Client Devices. Where racks, blade enclosures, or other similar equipment is being employed, each separable physical device (for example, a blade or a rack-mounted device) that has the required components is considered itself a separate server. For the purpose of server-based licensing, licensee must obtain entitlements for each server that is made available to the program, regardless of the number of processor cores and partitions in the server or the number of copies of the program on the server.

Notes:

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

Resource Value Unit (RVU)

RVU is a unit of measure by which the program can be licensed. RVU Proofs of Entitlement 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.

The programs in this announcement all have Value Unit-based pricing.

Program number	Program name	Value Unit exhibit
5724-R81	IBM FileNet Content Manager	VUE103A, VUE105A, VUE163
5725-L50	IBM Content Foundation	VUE103A, VUE105A, VUE163
5724-R94	IBM FileNet Image Manager Active Edition	VUE103A, VUE105A, VUE106A
5724-S20	IBM FileNet IS Storage Connector	VUE108

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 only available via Passport Advantage.

Licensing

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.

These programs are licensed under the IBM Program License Agreement (IPLA) and the associated Agreement for Acquisition of Software Maintenance, which 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 (also referred to as Software Maintenance) can be extended by the purchase of a renewal option, if available. These programs have 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

L-VSAY-9MVU95: IBM FileNet Content Manager V5.2.1
L-VSAY-9MVUBH: IBM Content Foundation V5.2.1

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

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 on known program defects, defect corrections, restrictions, and bypasses at no additional charge. For further information, consult the IBM Software Support Handbook found at

http://www.ibm.com/support/handbook

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

Program technical support

Technical support of a program product version or release will be available for a minimum of five years from the general availability date, as long as your Software Subscription and Support (also referred to as Software Maintenance) is in effect. This technical support allows you to obtain assistance (via 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 (Software Maintenance) also provides you with access to updates (modifications or fixes), releases, and versions of the program. You will be notified, via 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.

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.

Other terms

Volume orders (IVO)

No

IBM International Passport Advantage Agreement

Passport Advantage applies

Yes, and through the Passport Advantage website at

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

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.

IBM includes one year of Software Subscription and Support with each program license acquired. The initial period of Software Subscription and Support can be extended by the purchase of a renewal option, if available.

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 via 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 end users.) IBM provides Severity 1

assistance 24 hours a day, 7 days a week. For additional details, consult your IBM Software Support Handbook at

http://www.ibm.com/support/handbook

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.

For additional information about the International Passport Advantage Agreement and the IBM International Passport Advantage Express Agreement, visit the Passport Advantage website at

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

System i® Software Maintenance applies

No

Variable charges apply

No

Educational allowance available

Not applicable

Statement of good security practices

IT system security involves protecting systems and information through 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 comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective. IBM does not warrant that systems and products are immune from the malicious or illegal conduct of any party.

Prices

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.

http://www.ibm.com/partnerworld/sg/apchannounce/

For all local charges, contact your IBM representative.

Passport Advantage

For Passport Advantage information and charges, contact your IBM representative or authorized IBM Business Partner for Software Value Plus. Additional information is also available at

IBM Global Financing

IBM Global Financing offers competitive financing to credit-qualified customers to assist them in acquiring IT solutions. Offerings include

Note: Shipments will begin after the planned availability date.

financing for IT acquisition, including hardware, software, and services, from both IBM and other manufacturers or vendors. Offerings (for all customer segments: small, medium, and large enterprise), rates, terms, and availability can vary by country. Contact your local IBM Global Financing organization or visit

http://www.ibm.com/financing

IBM Global Financing offerings are provided through IBM Credit LLC in the United States, and other IBM subsidiaries and divisions worldwide to qualified commercial and government customers. Rates are based on a customer's credit rating, financing terms, offering type, equipment type, and options, and may vary by country. Other restrictions may apply. Rates and offerings are subject to change, extension, or withdrawal without notice.

Financing from IBM Global Financing helps you preserve cash and credit lines, enables more technology acquisition within current budget limits, permits accelerated implementation of economically attractive new technologies, offers payment and term flexibility, and can help match project costs to projected benefits. Financing is available worldwide for credit-qualified customers.

For more financing information, visit

The Americas Call Centers, our national direct marketing organization, can add your name to the mailing list for catalogs of IBM products.

http://www.ibm.com/financing

AP distribution

```
Country/Region             Announced

AP IOT
 ASEAN*                     Yes
 India/South Asia**         Yes
 Australia                  Yes
 People's Republic of China Yes
 Hong Kong S.A.R of the PRC Yes
 Macao S.A.R of the PRC     Yes
 Taiwan                     Yes
 South Korea                Yes
 New Zealand                Yes
Japan IOT
 Japan                      Yes


 * Brunei Darussalam, Indonesia, Cambodia, Lao People's Democratic
 Republic, Malaysia, Philippines, Singapore, Thailand, and Vietnam
 ** Bangladesh, Bhutan, India, Sri Lanka, Maldives, Nepal, and
 Afghanistan
```

Trademarks

IBM, FileNet, Cognos, Passport Advantage, Lotus, Quickr, Express and System i are registered trademarks of IBM Corporation in the United States, other countries, or both.

Microsoft is a trademark of Microsoft Corporation in the United States, other countries, or both.

Other company, product, and service names may be trademarks or service marks of others.

Terms of use

IBM products and services which are announced and available in your country can be ordered under the applicable standard agreements, terms, conditions, and prices in effect at the time. IBM reserves the right to modify or withdraw this announcement at any time without notice. This announcement is provided for your information only. Reference to other products in this announcement does not necessarily imply those products are announced, or intend to be announced, in your country. Additional terms of use are located at:

http://www.ibm.com/legal/us/en/

For the most current information regarding IBM products, consult your IBM representative or reseller, or visit the IBM worldwide contacts page

http://www.ibm.com/planetwide/