IBM Content Manager OnDemand Newsletter

In This Issue

News

About this newsletter

This newsletter is designed to keep you better informed about IBM® Content Manager OnDemand on all platforms. The newsletter is published quarterly.

Previous editions of this newsletter can be found in support item 628001. They are also available on the OnDemand User Group web site under the heading 'Presentations, Newsletters, and such'.

Correspondence related to this newsletter should be directed to darrell.bryant@unicomsi.com.

This newsletter is formatted so that it is easier to read on wide screen devices. Use the full screen viewing option in Acrobat (Ctrl+L) for best results.

Server version 10.5 available

Multiplatforms

The server version 10.5.0.0 installation files are available from Passport Advantage. The OnDemand Administrator client and the OnDemand end-user client are also available from IBM Fix Central. See announcement letter 220-060 for more information.

z/OS

To upgrade your system, choose the applicable PTF from the list in support item 347373. See announcement letter 220-059 for more information.

IBM i

See the PTF Listing for the PTF numbers for your release. You should also review the corresponding Read This First document before installing the PTFs. We recommend that you order the PTF group when upgrading your system to V10.5.0.0. PTF groups are available from Fix Central or by using the Send PTF Order (SNDPTFORD) command.

Release	PTF Group	PTF Listing	Read This First
V7.4	SF99652	731827	82189
V7.3	SF99252	737891	82189
V7.2	SF99251	737893	82189

Deprecated items in V10.5

Following features are present and supported in Content Manager OnDemand V10.5, however these features might be dropped in a future release.

- Java line data viewer
- AFP viewer browser plug-in
- Ad-hoc and Production CD-ROM mastering

Content Manager OnDemand Workshops

If you want to gain actionable insight on how to drive optimal business value from using Content Manager OnDemand, you should attend one of the upcoming IBM Content Manager OnDemand workshops. You will have the opportunity to meet industry experts and network with peers and colleagues who face similar challenges.

Whether new to Content Manager OnDemand or an experienced professional, join us for these one and two-day workshops.

- Raleigh, NC, USA, June 2-3, 2020
- Zurich, Switzerland, June 9, 2020
- Ljubljana, Slovenia, June 11, 2020

Agendas vary at each event, based on local schedules and availability.

- Introduction to Content Manager OnDemand
- IBM Enterprise Content Management and Digital Business Automation
- What's new in Content Manager OnDemand
- PDF Archiving Best Practices
- Content Manager OnDemand Features:
  - OnDemand Distribution Facility
  - PDF Indexing
  - Enhanced Retention
  - Full Text Indexing
- XML -Future proof your documents
- CMOD on the Cloud
- Using REST APIs with CMOD
- Storage Methods and Encryption
- LDAP Sync with CMOD
- CMOD hints and tips
- Migration and conversions to CMOD
- Business Partners solutions
- and more

Registration is available now on the workshop web site.

IBM Content Manager OnDemand Education V10.1 and beyond

You can simply create a Content Manager OnDemand application definition—but do you understand what you're doing? Take Content Manager OnDemand Education when you first install Content Manager OnDemand or when you hire new employees to have a strong understanding of the fundamentals of the system, how to administer it, and its purpose.

Instructor-led

OnDemand University (ODU) instructor-led online training courses from enChoice provide all the benefits of live instruction without the hassle of travel time and costs – students can learn virtually from wherever an internet connection is available.

We are pleased to offer the following public instructor-led online classes for the following weeks in 2020:

- May 18-22, 2020
- August 17-21, 2020
- October 19-23, 2020

Self-paced

Self-paced online training courses from enChoice are perfect for busy professionals who require flexibility with their class schedules. Classes may be taken anytime, anywhere at the student's own pace. Courses are created and taught in English by certified, IBM-authorized Content Manager OnDemand instructors.

Two self-paced course are available:

IBM Content Manager OnDemand Administration

This is the foundational course for individuals interested in learning about the major functions of the IBM Content Manager OnDemand system. The course starts with a basic overview of the system, and then teaches students how to:

- Create and maintain Content Manager OnDemand objects such as applications, application groups, and folders
- Index, load, and retrieve various types of documents and report files in a Content Manager OnDemand system

IBM Content Manager OnDemand Advanced System Administration

This self-paced course builds on the foundational course by providing system administration concepts for the Content Manager OnDemand solution. It provides students with a thorough understanding of Content Manager OnDemand architecture and system object concepts as well as storage administration, document storage and indexing components such as the PDF indexer, 390 indexer, and the XML indexer. The course also covers database configurations, command utilities, server APIs and the Web Enablement Kit (ODWEK).

To register for any of these classes, visit the enChoice Education page, the IBM Education website, or contact your TechData/Exit Certified, or LearnQuest training coordinator.

Custom or private remote or onsite classes are also available – simply contact ODU@enchoice.com for more information.

End of Support for Content Manager OnDemand V9.5

Content Manager OnDemand for Multiplatforms version 9.5 will reach End of Support on **April 30, 2020**. For more information about this product, visit the IBM software support lifecycle site. Search for Content Manager OnDemand.

Content Manager OnDemand for z/OS version 9.5 will reach End of Support on **April 30, 2020**. For more information about this product, visit the IBM software support lifecycle site. Search for Content Manager OnDemand.

Customers using Content Manager OnDemand for Multiplatforms or z/OS version 9.5 should upgrade to Content Manager OnDemand Multiplatforms or z/OS version 10.1 or 10.5 prior to the V9.5 support end date.

Tips – Cross Platform – V10.5

REST Services APIs

REST (Representational State Transfer) is an architecture used in client-server communications. Content Manager OnDemand now includes REST Services APIs along with regular Java APIs (OnDemand Web Enablement Kit). REST Services APIs offer a simplified interface for integrating enterprise applications that need to interface with Content Manager OnDemand by using HTTP-based stateless protocol.

For more information, see the Content Manager OnDemand Web Enablement Kit Implementation Guide.

For complete documentation of Content Manager OnDemand REST Services APIs, see support item 1078959.

Support for Azure object storage

Content Manager OnDemand supports object storage from multiple vendors such as IBM Cloud Object Storage, Amazon S3, Apache HDFS, Hitachi Content Platform, and OpenStack Swift, as well support for using an external file system. Now, the choice of object storage is further expanded with support for Azure object storage.

HTML5 line data viewer with graphical annotations

With deprecation of applet-based technologies, a modern HTML5-based line data viewer with graphical annotation capability is now available for use with IBM Content Navigator to view and annotate line data content in Content Manager OnDemand.

Single sign-on support for IBM Content Navigator

When IBM Content Navigator is configured for use with Content Manager OnDemand, single sign-on capability can be enabled.

For complete documentation of single sign-on, see the IBM Content Navigator documentation.

LDAP synch tool to synchronize user and group definitions from directory servers

An LDAP sync tool is included in V10.5 to help automate the synchronization of user and group definitions in corporate directory servers into Content Manager OnDemand.

ARSXML schema file location no longer based on xsi:noNamespaceSchemaLocation

At Content Manager OnDemand version 10.5, ARSXML no longer looks for the schema file location based on the xsi:noNamespaceSchemaLocation attribute in the input XML file. The noNamespaceSchemaLocation attribute is ignored and no longer needed.

In V10.5, ARSXML will no longer output "noNamespaceSchemaLocation=<path>/ondemand.xsd" attribute/value pair in the beginning of the XML export file.

Prior to V10.5, the XML output might begin with:

```
<?xml version="1.0" encoding="UTF-8" ?>
<!-- version_number -->
<onDemand xmlns:xsi="http://www.w3.org/2001/XMLSchema-
    instance" xsi:noNamespaceSchemaLocation="ondemand.xsd">
```

At V10.5, the XML output begins with:

```
<?xml version="1.0" encoding="UTF-8" ?>
<!-- version_number -->
<onDemand xmlns:xsi="http://www.w3.org/2001/XMLSchema-
    instance">
```

ARSXML EXPORT –s parameter removed

The -s parameter used with the ARSXML EXPORT function to specify the schema location is no longer needed and has been removed at Content Manager OnDemand version 10.5.

The following -s parameter reference in the usage syntax help during export has been removed:

```
-s <directory> Directory for the schema file location
```

If the -s parameter is specified with the ARSXML EXPORT function, the following message will be issued:

```
ARS7720E Invalid option specified, -s.
```

Tips – Multiplatforms – V10.5

Management of content encryption keys in external key store

For improved security and centralized management of encryption keys, enterprises typically use a key management provider. Content Manager OnDemand for Multiplatforms now supports Key Management Interoperability Protocol (KMIP). Content Manager OnDemand for Multiplatforms can be configured with IBM Security Key Lifecycle Manager.

Support for immutable object storage for IBM Cloud Object Storage and Hitachi Content Platform

Content Manager OnDemand for Multiplatforms helps preserve your content and leverages WORM (Write Once Read Many) configuration of IBM Cloud Object Storage (COS) and Hitachi Content Platform (HCP) to protect data against deletion or modifications until the end of the desired retention period.

Windows Configurator enhancements:

The following enhancements have been made to the Content Manager OnDemand Windows Cconfigurator.

- Microsoft Azure access method added.
- Any V10.1 instance can be upgraded to V10.5 with the option to revert back to V10.1.
- Any pre-V10.1 instance can be upgraded to V10.5 without the option to revert back.
- Co-existence of pre-10.1, V10.1 and V10.5 instances, servers and Configurators is now allowed.
- When upgrading a pre-V9.5 instance to V10.5, the Report Distribution service is dropped.
- All new or upgraded instances now have a version number. The version number is defined with a VERSION string registry value for the instance which can have a value of "9.5", "10.1" or "10.5".

Tips – z/OS

z/OS Quick Hits

Performance Tip #1

Recently, several users have reported slow loading of data on z/OS. In these cases, performance was greatly improved by converting z/OS File Systems (zFS) to zFS V1.5.

For more information, see this OnDemand User Group forum post.

Performance Tip #2

Anything that helps Db2 perform better helps Content Manager OnDemand. There are two little-known Db2 operating system parameters that have been out for several years.

`USEZOSV1R9RULES(NO)`

This parameter is set via your DIAGxx. It can also be implemented dynamically with a SET DIAG=xx command. To see if you have this enabled, use the operator command D DIAG.

```
D DIAG
IGV007I 12.36.01 DIAG DISPLAY
...
VSM USEZOSV1R9RULES(NO)
...
```

`MEMDSENQMGMT:  ENABLE`

This parameter is set via your ALLOCxx. It can also be implemented dynamically using SETALLOC SYSTEM,MEMDSENQMGMT=ENABLE. To see if you have it enabled, use the operator command D ALLOC,OPTIONS.

```
D ALLOC,OPTIONS
IEFA003I 13.19.40 ALLOC OPTIONS
SPACE          foo
...
SYSTEM         foo
MEMDSENQMGMT:    ENABLE
```

If not already in use, we recommend implementing these parameters.

For more information, see this OnDemand User Group forum post.

Performance Tip #3

Do you use ARSYSPIN or use ARSLOAD to read directly from spool? Content Manager OnDemand uses the SAPI interface to read from spool. Starting in z/OS V2.1, a performance improvement explicitly for the SAPI interface was added to JES2.

For more information, see this OnDemand User Group forum post.

Performance Tip #4

The Content Manager OnDemand support team keeps an updated list of performance recommendations. You should review the entries there, especially when you have a new version of z/OS in test.

For more information, see this OnDemand User Group forum post.

Tips – IBM i

Report Management Cycle (RMC) deprecated at V7.4

Content Manager OnDemand for i V7.4 will be the last release to include Spool File Archive Report Management Cycle (RMC) functionality. RMC is used to manage data that was archived in Spool File Archive (SFA) that has not yet been migrated to the Archived Storage Manager (ASM) of Common Server.

If you migrated from Spool File Archive to Common Server by re-spooling your data and archiving it directly into Common Server or if you used the Media Migration Facility (MMF; the Migrate Media (MGRMEDRDAR) command) to migrate your Spool File Archive data such that it is now under the control of ASM, this information does not impact you. If you never installed and ran Spool File Archive, but instead have only installed and run Common Server at V5.1 or later, this information does not impact you. In any of those cases, you are not affected by the removal of RMC functionality in the release of Content Manager OnDemand for i after V7.4. The removal of RMC functionality only impacts you if you have not migrated your Spool File Archive data to Common Server.

For more information on how to use the Media Migration Facility and the Migrate Media (MGRMEDRDAR) command to migrate your Spool File Archive data to ASM, see the documentation on the web at www.ibm.com/support/pages/node/318763 or at www.ibm.com using "ibm 318763" (without the quotes) as search criteria. If you have further questions, contact IBM support in your geography.

Additional Information

Knowledge Centers

Content Manager OnDemand for Multiplatforms Knowledge Centers

Content Manager OnDemand for z/OS Knowledge Centers

Content Manager OnDemand for i Knowledge Centers

Publication Libraries - PDF versions of the documentation

Multiplatforms	Version 9.5	Version 10.1	Version 10.5
z/OS	Version 9.5	Version 10.1	Version 10.5
IBM i	Version 7.2	Version 7.3	Version 7.4

Product System Requirements

Multiplatforms	Version 9.5	Version 10.1	Version 10.5
z/OS	Version 9.5	Version 10.1	Version 10.5
IBM i	Version 7.2	Version 7.3	Version 7.4

More Enterprise Content Management web sites

IBM Content Manager OnDemand Product Overview

Compatibility Matrix for the Content Manager OnDemand clients and servers

IBM Content Navigator Product Overview

IBM Software Support Lifecycle Policies (search for Content Manager OnDemand)

OnDemand User Group

The primary objective of the OnDemand User Group (ODUG) is to create an environment and network encouraging the exchange and development of information regarding Content Manager OnDemand and its associated products.

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